





2 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-0003                                                                    | 91703-0002        | 93002-0002           | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0499           | A                                | A                     | NONE             |
| 91999-0004                                                                    | 91703-0002        | 93002-0003           | NATURAL | 1a 2b                      | 01c                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0482           | A                                | A                     | NONE             |
| 91999-0007                                                                    | 91703-0002        | 93002-0004           | NATURAL | 1b 2b                      | 01c                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0497           | A                                | A                     | NONE             |
| 91999-0018                                                                    | 91703-0002        | 93002-0005           | NATURAL | 2a                         | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0495           | A                                | A                     | NONE             |
| 91999-0019                                                                    | 91703-0002        | 93002-0008           | NATURAL | 1a 2b                      | d20                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0478           | A                                | A                     | NONE             |
| 91999-0021                                                                    | 91703-0002        | 93002-0006           | NATURAL | 1b                         | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0492           | A                                | A                     | NONE             |
| 91999-0022                                                                    | 91703-0002        | 93002-0007           | NATURAL | 1a 2b                      | NONE                     | 1/2               |                              | NONE                 | 91703-0003           | 91999-0491           | A                                | A                     | NONE             |
| 91999-0027                                                                    | 91703-0002        | 93002-0009           | NATURAL | 2b                         | NONE                     | 1/2               |                              | NONE                 | 91703-0003           | 91999-0487           | A                                | A                     | NONE             |
| 91999-0029                                                                    | 91703-0002        | 93002-0010           | NATURAL | 1a 1b                      | d20                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0486           | A                                | A                     | NONE             |
| 91999-0030                                                                    | 91703-0002        | 93002-0011           | NATURAL | 2a 2b                      | NONE                     | 1/2               |                              | NONE                 | 91703-0003           | 91999-0485           | A                                | A                     | NONE             |
| 91999-0032                                                                    | 91703-0002        | 93002-0012           | NATURAL | 2b                         | d20                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0484           | A                                | A                     | NONE             |
| 91999-0047                                                                    | 91703-0002        | 93002-0013           | NATURAL | 1a 2a                      | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0483           | A                                | A                     | NONE             |
| 91999-0055                                                                    | 91703-0002        | 93002-0014           | NATURAL | 1a 1b                      | NONE                     | 1/2               |                              | NONE                 | 91703-0003           | 91999-0480           | A                                | A                     | NONE             |
| 91999-0020                                                                    | 91703-0002        | 93002-0015           | NATURAL | 1a 1b                      | 01c                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0475           | A                                | A                     | NONE             |
| 91999-0054                                                                    | 91703-0002        | 93002-0016           | NATURAL | 2b                         | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0476           | A                                | A                     | NONE             |
| 91999-0057                                                                    | 91703-0002        | 93002-0017           | NATURAL | 1a                         | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0477           | A                                | A                     | NONE             |
| 91999-0058                                                                    | 91703-0002        | 93002-0018           | NATURAL | 1a 2a                      | 01c                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0472           | A                                | A                     | NONE             |
| 91999-0059                                                                    | 91703-0002        | 93002-0019           | NATURAL | ALL                        | d20                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0474           | A                                | A                     | NONE             |
| 91999-0060                                                                    | 91703-0002        | 93002-0020           | NATURAL | 1b 2a 2b                   | d20                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-0473           | A                                | A                     | NONE             |
| 91999-0061                                                                    | 91703-0002        | 93002-0002           | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-0471           | B                                | A                     | NONE             |

NOTES:

\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

SERIES

91999

CURRENT REV DESC: NEW PN- 919991303

EC NO: 788126

DRWN: RAHULH3 2023/12/16

CHK'D: RAHULH3 2024/06/03

APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:

DRWN: AKABADI 2017/09/15

APPR: BRUTTLE 2017/11/10

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

MATERIAL NUMBER

SEE SHEETS 2-18

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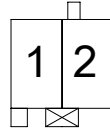
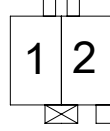
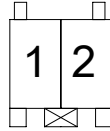
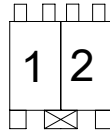
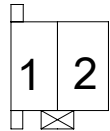
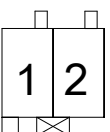
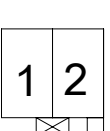
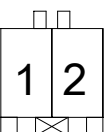
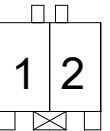
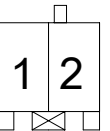
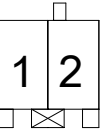
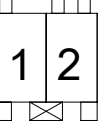
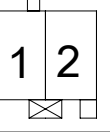
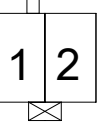
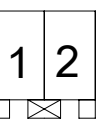
GENERAL MARKET

SHEET NUMBER

2 OF 17

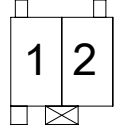
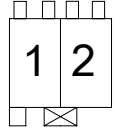
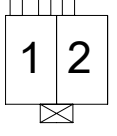
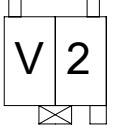
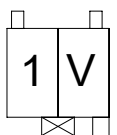
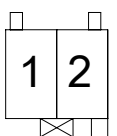
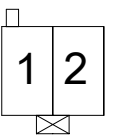
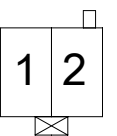
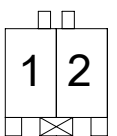
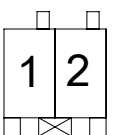
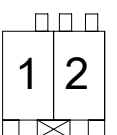
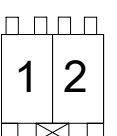
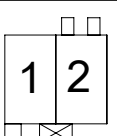
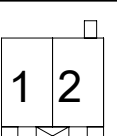
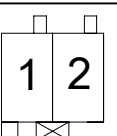
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/05 16:27:51 |
|-----------------|----|--------------|---------------------|



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|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|---------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|-------------------------------------------------------------------------------|----------------------------------|-----------------------|------------------|---|---|---|
| 18                | 17                | 16                   | 15      | 14                         | 13                       | 12                | 11                                                                                    | 10                   | 9                    | 8                    | 7                                                                             | 6                                | 5                     | 4                | 3 | 2 | 1 |
| 2 CIRCUIT         |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |   |   |   |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES)                                                          | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0062        | 91703-0002        | 93002-0021           | NATURAL | 2a                         | 01c                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0470           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0063        | 91703-0002        | 93002-0022           | NATURAL | 1b 2a                      | d20                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0469           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0064        | 91703-0002        | 93002-0023           | NATURAL | 1a 2b                      | 01c d20                  | 1/2               |    | NONE                 | 91703-0003           | 91999-0468           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0067        | 91703-0002        | 93002-0024           | NATURAL | ALL                        | ALL                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0465           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0069        | 91703-0002        | 93002-0025           | NATURAL | 1a                         | 01c                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0463           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0071        | 91703-0017        | 93002-0004           | NATURAL | 1b 2b                      | 01c                      | 1/2               |    | NONE                 | 91703-0018           | 91999-0461           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0042        | 91703-0002        | 93002-0027           | NATURAL | NONE                       | d20                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0460           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0072        | 91703-0017        | 93002-0002           | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |    | NONE                 | 91703-0018           | 91999-0459           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0073        | 91703-0002        | 93002-0002           | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |    | NONE                 | 91703-0003           | 91999-0458           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0074        | 91703-0002        | 93002-0003           | NATURAL | 1a 2b                      | 01c                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0457           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0075        | 91703-0017        | 93002-0005           | NATURAL | 2a                         | 01c d20                  | 1/2               |   | NONE                 | 91703-0018           | 91999-0456           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0076        | 91703-0002        | 93002-0005           | NATURAL | 2a                         | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-0455           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0077        | 91703-0002        | 93002-0028           | NATURAL | 1a 2a 2b                   | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-0454           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0078        | 91703-0002        | 93002-0029           | NATURAL | 1b                         | d20                      | 1/2               |  | NONE                 | 91703-0003           | 91999-0453           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0079        | 91703-0002        | 93002-0030           | NATURAL | 1b                         | NONE                     | 1/2               |  | NONE                 | 91703-0003           | 91999-0452           |                                                                               |                                  |                       |                  |   |   |   |
| 91999-0080        | 91703-0002        | 93002-0031           | NATURAL | NONE                       | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-0451           |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |
|                   |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      |                                                                               |                                  |                       |                  |   |   |   |



2 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                            |                          |                   |                                                                                       |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|---------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES)                                                          | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-0081                                                                    | 91703-0002        | 93002-0003           | NATURAL | 1a 2b                      | 01c                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0450           | A                                | A                     | RED              |
| 91999-0082                                                                    | 91703-0002        | 93002-0032           | NATURAL | ALL                        | 01c                      | 1/2               |    | NONE                 | 91703-0003           | 91999-0449           | A                                | A                     | NONE             |
| 91999-0083                                                                    | 91703-0002        | 93002-0033           | NATURAL | 1a 1b 2a                   | NONE                     | 1/2               |    | NONE                 | 91703-0003           | 91999-0448           | A                                | A                     | NONE             |
| 91999-0084                                                                    | 91703-0002        | 93002-0008           | NATURAL | 1a 2b                      | d20                      | 1/2               |    | CCT 1                | 91703-0003           | 91999-0447           | A                                | A                     | NONE             |
| 91999-0085                                                                    | 91703-0002        | 93002-0008           | NATURAL | 1a 2b                      | d20                      | 1/2               |    | CCT 2                | 91703-0003           | 91999-0446           | A                                | A                     | NONE             |
| 91999-0086                                                                    | 91703-0017        | 93002-0008           | NATURAL | 1a 2b                      | d20                      | 1/2               |    | NONE                 | 91703-0018           | 91999-0445           | C                                | A                     | NONE             |
| 91999-0087                                                                    | 91703-0002        | 93002-0034           | NATURAL | 1a                         | NONE                     | 1/2               |    | NONE                 | 91703-0003           | 91999-0444           | A                                | A                     | NONE             |
| 91999-0088                                                                    | 91703-0002        | 93002-0009           | NATURAL | 2b                         | NONE                     | 1/2               |    | NONE                 | 91703-0003           | 91999-0443           | B                                | A                     | NONE             |
| 91999-0089                                                                    | 91703-0002        | 93002-0002           | NATURAL | 1b 2a                      | 01c d20                  | 1/2               |    | NONE                 | 91703-0003           | 91999-0442           | A                                | A                     | BLACK            |
| 91999-0090                                                                    | 91703-0002        | 93002-0036           | NATURAL | 1b 2b                      | 01c d20                  | 1/2               |    | NONE                 | 91703-0003           | 91999-0496           | A                                | A                     | NONE             |
| 91999-0091                                                                    | 91703-0002        | 93002-0035           | NATURAL | 1b 2a 2b                   | 01c d20                  | 1/2               |   | NONE                 | 91703-0003           | 91999-0441           | A                                | A                     | NONE             |
| 91999-0092                                                                    | 91703-0002        | 93002-0024           | NATURAL | 1a 1b 2a 2b                | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-0440           | A                                | A                     | NONE             |
| 91999-0093                                                                    | 91703-0002        | 93002-0026           | NATURAL | 2a 2b                      | 01c                      | 1/2               |  | NONE                 | 91703-0003           | 91999-0439           | A                                | A                     | NONE             |
| 91999-0094                                                                    | 91703-0002        | 93002-0016           | NATURAL | 2b                         | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-0438           | B                                | A                     | NONE             |
| 91999-0095                                                                    | 91703-0002        | 93002-0004           | NATURAL | 1b 2b                      | 01c                      | 1/2               |  | NONE                 | 91703-0003           | 91999-0437           | B                                | A                     | NONE             |

L4

L5

NOTES:

\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL

± 2.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

± 0.1

1 PLACE

± 0.2

0 PLACES

±

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A1-SIZE

SERIES

91999

CURRENT REV DESC: NEW PN- 919991303

EC NO: 788126

DRWN: RAHULH3 2023/12/16

CHK'D: RAHULH3 2024/06/03

APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:

DRWN: AKABADI 2017/09/15

APPR: BRUTTLE 2017/11/10

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

MATERIAL NUMBER

SEE SHEETS 2-18

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 17

DOCUMENT STATUS

P1

RELEASE DATE

2024/06/05 16:27:51



\* SEE SHEET 1 NOTE 4

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/05 | 16:27:51 |
|-----------------|----|--------------|------------|----------|



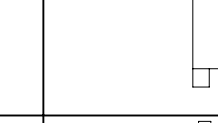
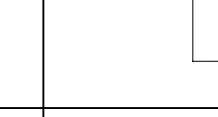
### 3 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING  
FORMAT WHEN ADDING NEW PART NUMBE

P.C.B.  
POLARISATION  
OPTION

## PACKAGING OPTION \*

COLOUR  
STRIPE

| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES)                                                          | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) | OPTION | OPTION * | STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|---------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--------|----------|--------|
| 91999-0537        | 91703-0017        | 93002-1000           | NATURAL | 1b                         | 01c d20                  | 1/2               |    | NONE                 | 91703-0018           | 91999-1229           | C      | A        | NONE   |
| 91999-0538        | 91703-0017        | 93002-1009           | NATURAL | 2b 3b                      | d10 02c                  | 2/3               |    | NONE                 | 91703-0018           | 91999-1228           | C      | A        | NONE   |
| 91999-0539        | 91703-0002        | 93002-1000           | NATURAL | 1b                         | 01c d20                  | 1/2               |    | NONE                 | 91703-0003           | 91999-1227           | B      | A        | NONE   |
| 91999-0540        | 91703-0002        | 93002-1009           | NATURAL | 2b 3b                      | d10 02c                  | 2/3               |    | NONE                 | 91703-0003           | 91999-1226           | B      | A        | NONE   |
| 91999-0541        | 91703-0002        | 93002-1019           | NATURAL | 2a                         | 01c d30                  | 1/2               |    | NONE                 | 91703-0003           | 91999-1225           | A      | A        | NONE   |
| 91999-0542        | 91703-0002        | 93002-1020           | NATURAL | 3b                         | 01c d30                  | 1/2               |    | NONE                 | 91703-0003           | 91999-1224           | A      | A        | NONE   |
| 91999-0543        | 91703-0002        | 93002-1022           | NATURAL | 1b 2a                      | NONE                     | 1/2               |    | NONE                 | 91703-0003           | 91999-1223           | A      | A        | NONE   |
| 91999-0544        | 91703-0002        | 93002-1030           | NATURAL | 1b 2a 2b 3b                | NONE                     | 2/3               |    | NONE                 | 91703-0003           | 91999-1222           | A      | A        | NONE   |
| 91999-0545        | 91703-0002        | 93002-1025           | NATURAL | 1a 1b                      | d20                      | 1/2               |    | NONE                 | 91703-0003           | 91999-1221           | A      | A        | NONE   |
| 91999-0546        | 91703-0002        | 93002-1026           | NATURAL | 2a 3a                      | 01c d20 03c              | 1/2               |    | NONE                 | 91703-0003           | 91999-1220           | A      | A        | NONE   |
| 91999-0548        | 91703-0002        | 93002-1027           | NATURAL | 1a 3a                      | d30                      | 2/3               |   | NONE                 | 91703-0003           | 91999-1218           | A      | A        | NONE   |
| 91999-0549        | 91703-0002        | 93002-1028           | NATURAL | ALL                        | 01c d10 02c d30          | 2/3               |  | NONE                 | 91703-0003           | 91999-1217           | A      | A        | NONE   |
| 91999-0550        | 91703-0017        | 93002-1029           | NATURAL | 2a                         | d10 02c d30              | 2/3               |  | NONE                 | 91703-0018           | 91999-1216           | C      | A        | NONE   |
| 91999-0551        | 91703-0002        | 93002-1030           | NATURAL | 1b 2a 2b 3b                | NONE                     | 2/3               |  | NONE                 | 91703-0003           | 91999-1215           | B      | A        | NONE   |
| 91999-0552        | 91703-0020        | 93002-1031           | NATURAL | 1b 2b                      | 01c d20                  | 1/2               |  | NONE                 | 91703-0021           | 91999-1214           | A      | A        | NONE   |
| 91999-0553        | 91703-0017        | 93002-1014           | NATURAL | ALL                        | ALL                      | 1/2               |  | NONE                 | 91703-0018           | 91999-1213           | C      | A        | NONE   |
| 91999-0554        | 91703-0002        | 93002-1032           | NATURAL | 1a 3a                      | 03c                      | 1/2               |  | NONE                 | 91703-0003           | 91999-1212           | A      | A        | NONE   |
| 91999-0555        | 91703-0002        | 93002-1033           | NATURAL | 1b 2a 3b                   | 01c d20                  | 1/2               |  | NONE                 | 91703-0003           | 91999-1211           | A      | A        | NONE   |

NOTES:

\* SEE SHEET 1 NOTE 4

|                                                                                                                                               |  |       |  |                                                                                       |  |         |        |                                         |  |                |  |              |          |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|---------|--------|-----------------------------------------|--|----------------|--|--------------|----------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                       |  |         |        |                                         |  |                |  |              |          |          |          |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: NEW PN- 919991303                                                   |  |         |        | <div>molex</div>                        |  |                |  |              |          |          |          |
| mm                                                                                                                                            |  | 1:1   |  |                                                                                       |  |         |        |                                         |  |                |  |              |          |          |          |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  |                                                                                       |  |         |        | RAST 5 VERT HDR PA 66 HOUSING           |  |                |  |              |          |          |          |
| ANGULAR TOL ± 2.0 °                                                                                                                           |  |       |  |                                                                                       |  |         |        |                                         |  |                |  |              |          |          |          |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 788126                                                                         |  |         |        | PRODUCT CUSTOMER DRAWING                |  |                |  |              |          |          |          |
| 3 PLACES                                                                                                                                      |  | ±     |  | DRWN: RAHULH3 2023/12/16                                                              |  |         |        |                                         |  |                |  |              |          |          |          |
| 2 PLACES                                                                                                                                      |  | ± 0.1 |  | CHK'D: RAHULH3 2024/06/03                                                             |  |         |        |                                         |  |                |  |              |          |          |          |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: MRAMAKRISHNA 2024/06/05                                                         |  |         |        | DOCUMENT NUMBER<br><div>919990001</div> |  |                |  |              |          |          |          |
| 0 PLACES                                                                                                                                      |  | ±     |  | INITIAL REVISION:                                                                     |  |         |        |                                         |  |                |  |              | DOC TYPE | DOC PART | REVISION |
|                                                                                                                                               |  |       |  | DRWN: AKABADI 2017/09/15                                                              |  |         |        |                                         |  |                |  |              | PSD      | 000      | L7       |
|                                                                                                                                               |  |       |  | APPR: BRUTTLE 2017/11/10                                                              |  |         |        |                                         |  |                |  |              |          |          |          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING | SERIES | MATERIAL NUMBER                         |  | CUSTOMER       |  | SHEET NUMBER |          |          |          |
|                                                                                                                                               |  |       |  |  |  | A1-SIZE | 91999  | SEE SHEETS 2-18                         |  | GENERAL MARKET |  | 6 OF 17      |          |          |          |



3 CIRCUIT

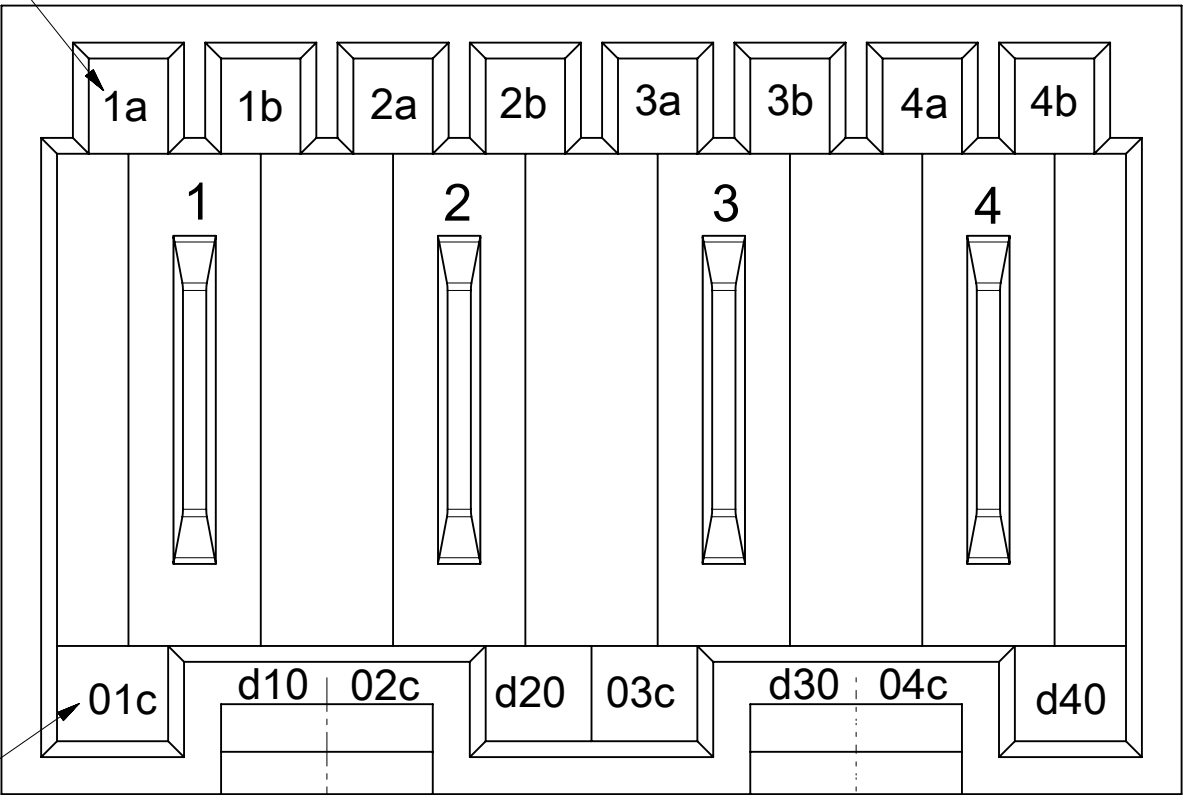
| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-0557                                                                    | 91703-0002        | 93002-1034           | NATURAL | 3a                         | 03c d30                  | 1/2               |                              | NONE                 | 91703-0003           | 91999-1209           | A                                | A                     | NONE             |
| 91999-0558                                                                    | 91703-0002        | 93002-1025           | NATURAL | 1a 1b                      | d20                      | 1/2               |                              | 2                    | 91703-0003           | 91999-1208           | A                                | A                     | NONE             |
| 91999-0559                                                                    | 91703-0002        | 93002-1037           | NATURAL | 1a 3a                      | 01c                      | 1/2               |                              | 2                    | 91703-0003           | 91999-1207           | A                                | A                     | NONE             |
| 91999-0560                                                                    | 91703-0002        | 93002-1037           | NATURAL | 1a 3a                      | 01c                      | 1/2               |                              | 2                    | 91703-0003           | 91999-1206           | B                                | A                     | NONE             |
| 91999-0561                                                                    | 91703-0002        | 93002-1038           | NATURAL | 2a 2b                      | NONE                     | 2/3               |                              | 2                    | 91703-0003           | 91999-1205           | A                                | A                     | NONE             |
| 91999-0562                                                                    | 91703-0002        | 93002-1021           | NATURAL | 1b 3a                      | 01c                      | 1/2               |                              | NONE                 | 91703-0003           | 91999-1204           | A                                | A                     | NONE             |

POSITION WINDOWS

Cct 1    Cct 2    Cct 3    Cct 4

CODING WINDOWS

KEYING CODING & LATCH POSITION  
(4 CCT EXAMPLE SHOWN)  
VIEW INMATING DIRECTION



NOTES:

\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|                                                            |         |                                                                                                                                                                                      |         |
|------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| DIMENSION UNITS                                            | SCALE   | CURRENT REV DESC: NEW PN- 919991303                                                                                                                                                  |         |
| mm                                                         | 1:1     |                                                                                                                                                                                      |         |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |         | EC NO: 788126<br>DRWN: RAHULH3 2023/12/16<br>CHK'D: RAHULH3 2024/06/03<br>APPR: MRAMAKRISHNA 2024/06/05<br>INITIAL REVISION:<br>DRWN: AKABADI 2017/09/15<br>APPR: BRUTTLE 2017/11/10 |         |
| ANGULAR TOL                                                | ± 2.0 ° |                                                                                                                                                                                      |         |
| 4 PLACES                                                   | ±       |                                                                                                                                                                                      |         |
| 3 PLACES                                                   | ±       |                                                                                                                                                                                      |         |
| 2 PLACES                                                   | ± 0.1   |                                                                                                                                                                                      |         |
| 1 PLACE                                                    | ± 0.2   |                                                                                                                                                                                      |         |
| 0 PLACES                                                   | ±       |                                                                                                                                                                                      |         |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         | THIRD ANGLE PROJECTION                                                                                                                                                               | DRAWING |
|                                                            |         |                                                                                                                                                                                      | A1-SIZE |
|                                                            |         | SERIES                                                                                                                                                                               | 91999   |

RAST 5 VERT HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING

|                 |          |          |          |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 919990001       | PSD      | 000      | L7       |

|                 |                |              |
|-----------------|----------------|--------------|
| MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |
| SEE SHEETS 2-18 | GENERAL MARKET | 7 OF 17      |



|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|-------------------------------------------------------------------------------|---|----------------------------------|-----------------------|------------------|---|---|
| 18                | 17                | 16                   | 15      | 14                         | 13                       | 12                | 11                           | 10                   | 9                    | 8                    | 7                                                                             | 6 | 5                                | 4                     | 3                | 2 | 1 |
| 4 CIRCUIT         |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |   | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |   |   |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                                                               |   |                                  |                       |                  |   |   |
| 91999-1254        | 91703-0002        | 93002-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1999           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1264        | 91703-0002        | 93002-2001           | NATURAL | 1a 4b                      | d40                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1998           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1265        | 91703-0002        | 93002-2002           | NATURAL | 2a 4b                      | d20                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1996           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1267        | 91703-0002        | 93002-2003           | NATURAL | 1b 2a 3a 4b                | 01c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1994           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1270        | 91703-0002        | 93002-2004           | NATURAL | 1a 2b 4b                   | 01c 03c d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1993           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1274        | 91703-0002        | 93002-2005           | NATURAL | 1a 3a 3b                   | 01c d20 d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1992           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1275        | 91703-0002        | 93002-2006           | NATURAL | 1b 2a 4b                   | 01c d20 03c              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1991           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1278        | 91703-0002        | 93002-2007           | NATURAL | 1a 3a                      | d40                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1987           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1280        | 91703-0002        | 93002-2008           | NATURAL | 1a 2b<br>3b 4a             | 01c 03c d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1988           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1281        | 91703-0002        | 93002-2009           | NATURAL | 2a 4b                      | d20 03c                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1986           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1282        | 91703-0002        | 93002-2010           | NATURAL | 3b                         | d30                      | 2/3               |                              | NONE                 | 91703-0003           | 91999-1985           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1283        | 91703-0002        | 93002-2011           | NATURAL | 1b 2a 4b                   | 01c d20<br>03c d40       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1984           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1284        | 91703-0002        | 93002-2012           | NATURAL | 2a 3a 3b 4b                | 01c d20<br>03c d40       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1983           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1285        | 91703-0002        | 93002-2013           | NATURAL | 2a 2b 3b 4b                | 01c d20<br>03c d40       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1982           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1287        | 91703-0002        | 93002-2015           | NATURAL | 1a 4b                      | 01c                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1980           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1288        | 91703-0002        | 93002-2016           | NATURAL | 1b 2b<br>3b 4a             | 01c 03c<br>d40           | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1979           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1289        | 91703-0017        | 93002-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-1978           | C                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1290        | 91703-0002        | 93002-2017           | NATURAL | 1b 2a 2b<br>3a 4a 4b       | 03c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1977           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-1291        | 91703-0002        | 93002-2018           | NATURAL | ALL                        | ALL                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1976           | A                                                                             | A | NONE                             |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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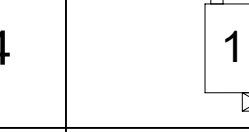
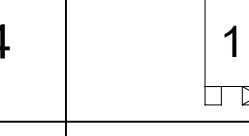
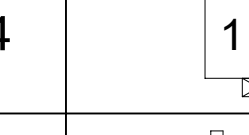
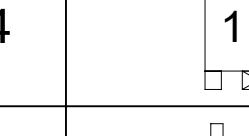
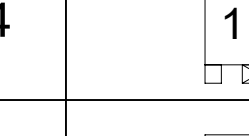
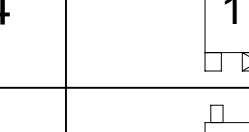
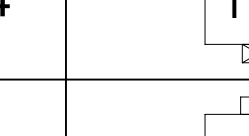
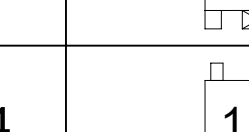
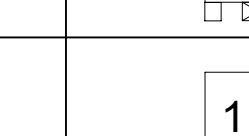
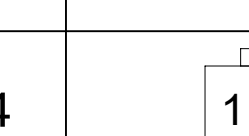
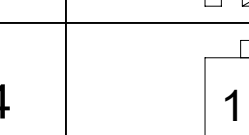
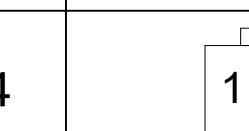
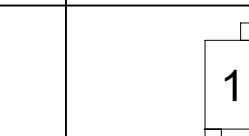
## 4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING  
FORMAT WHEN ADDING NEW PART NUMBE

P.C.B.  
POLARISATION  
OPTION

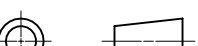
## PACKAGING OPTION \*

COLOUR  
STRIPE

| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES)                                                          | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) | OPTION | OPTION * | STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|---------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--------|----------|--------|
| 91999-1292        | 91703-0002        | 93002-2019           | NATURAL | 1b 2a 3a 4a                | 01c d20 03c              | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1975           | A      | A        | NONE   |
| 91999-1293        | 91703-0002        | 93002-2020           | NATURAL | 1b 2b 3b 4a                | 01c 03c d40              | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1974           | A      | A        | NONE   |
| 91999-1294        | 91703-0002        | 93002-2021           | NATURAL | 1a 2a 2b 3a<br>3b 4a 4b    | NONE                     | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1973           | A      | A        | NONE   |
| 91999-1295        | 91703-0002        | 93002-2023           | NATURAL | 1b 3b 4b                   | 01c d20 03c              | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1972           | A      | A        | NONE   |
| 91999-1296        | 91703-0002        | 93002-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1971           | B      | A        | NONE   |
| 91999-1297        | 91703-0002        | 93002-2015           | NATURAL | 1a 4b                      | 01c                      | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1970           | B      | A        | NONE   |
| 91999-1298        | 91703-0002        | 93002-2026           | RED     | 1a 2a 4b                   | 01c d20<br>03c d40       | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1969           | A      | A        | NONE   |
| 91999-1299        | 91703-0002        | 93002-2027           | GREEN   | 2a 3a 3b 4b                | 01c d20<br>03c d40       | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1968           | A      | A        | NONE   |
| 91999-1300        | 91703-0002        | 93002-2001           | NATURAL | 1a 4b                      | d40                      | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1951           | B      | A        | NONE   |
| 91999-1301        | 91703-0002        | 93002-2047           | GREEN   | 1b                         | 03c d40                  | 1/2 3/4           |    | NONE                 | 91703-0003           | 91999-1950           | A      | A        | NONE   |
| 91999-1255        | 91703-0002        | 93002-2033           | NATURAL | 1b 2a 3a 4b                | 01c d20 03c              | 1/2 3/4           |  | NONE                 | 91703-0003           | 91999-1963           | A      | A        | NONE   |
| 91999-1256        | 91703-0002        | 93002-2034           | NATURAL | 1b 2b 3a 4b                | 01c d40                  | 1/2 3/4           |  | NONE                 | 91703-0003           | 91999-1962           | A      | A        | NONE   |
| 91999-1257        | 91703-0002        | 93002-2035           | NATURAL | 2a 2b 3a 4a                | 01c 03c                  | 1/2 3/4           |  | NONE                 | 91703-0003           | 91999-1961           | A      | A        | NONE   |
| 91999-1258        | 91703-0017        | 93002-2015           | NATURAL | 1a 4b                      | 01c                      | 1/2 3/4           |  | NONE                 | 91703-0018           | 91999-1960           | C      | A        | NONE   |
| 91999-1259        | 91703-0017        | 93002-2010           | NATURAL | 3b                         | d30                      | 2/3               |  | NONE                 | 91703-0018           | 91999-1959           | C      | A        | NONE   |
| 91999-1260        | 91703-0017        | 93002-2011           | NATURAL | 1b 2a 4b                   | 01c d20<br>03c d40       | 1/2 3/4           |  | NONE                 | 91703-0018           | 91999-1958           | C      | A        | NONE   |
| 91999-1261        | 91703-0002        | 93002-2036           | NATURAL | 1b 2a 3a<br>3b 4b          | 01c d20<br>03c d40       | 1/2 3/4           |  | NONE                 | 91703-0003           | 91999-1957           | A      | A        | NONE   |
| 91999-1262        | 91703-0002        | 93002-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |  | CCT 3                | 91703-0003           | 91999-1956           | A      | A        | NONE   |
| 91999-1263        | 91703-0002        | 93002-2037           | NATURAL | 1b 3b                      | d10 03c d40              | 3/4               |  | NONE                 | 91703-0003           | 91999-1955           | A      | A        | NONE   |
| 91999-1266        | 91703-0002        | 93002-2038           | NATURAL | 2a 3b 4b                   | 01c d20<br>03c d40       | 1/2 3/4           |  | NONE                 | 91703-0003           | 91999-1954           | A      | A        | NONE   |

NOTES:

\* SEE SHEET 1 NOTE 4

|                                                                                                                                               |  |       |  |                                                                                       |  |         |  |       |                                                                                                         |  |        |          |                 |          |              |                |  |         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|---------|--|-------|---------------------------------------------------------------------------------------------------------|--|--------|----------|-----------------|----------|--------------|----------------|--|---------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                       |  |         |  |       |                                                                                                         |  |        |          |                 |          |              |                |  |         |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: NEW PN- 919991303                                                   |  |         |  |       | <div>molex</div>                                                                                        |  |        |          |                 |          |              |                |  |         |  |
| mm                                                                                                                                            |  | 1:1   |  |                                                                                       |  |         |  |       |                                                                                                         |  |        |          |                 |          |              |                |  |         |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                                                                                       |  |         |  |       | EC NO: 788126<br>DRWN: RAHULH3 2023/12/16<br>CHK'D: RAHULH3 2024/06/03<br>APPR: MRAMAKRISHNA 2024/06/05 |  |        |          |                 |          |              |                |  |         |  |
| ANGULAR TOL ± 2.0 °                                                                                                                           |  |       |  |                                                                                       |  |         |  |       |                                                                                                         |  |        |          |                 |          |              |                |  |         |  |
| 4 PLACES                                                                                                                                      |  | ±     |  | INITIAL REVISION:<br>DRWN: AKABADI 2017/09/15<br>APPR: BRUTTLE 2017/11/10             |  |         |  |       | PRODUCT CUSTOMER DRAWING                                                                                |  |        |          |                 |          |              |                |  |         |  |
| 3 PLACES                                                                                                                                      |  | ±     |  |                                                                                       |  |         |  |       | DOCUMENT NUMBER                                                                                         |  |        | DOC TYPE |                 | DOC PART |              | REVISION       |  |         |  |
| 2 PLACES                                                                                                                                      |  | ± 0.1 |  |                                                                                       |  |         |  |       | 919990001                                                                                               |  |        | PSD      |                 | 000      |              | L7             |  |         |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  |                                                                                       |  |         |  |       | MATERIAL NUMBER                                                                                         |  |        | CUSTOMER |                 |          | SHEET NUMBER |                |  |         |  |
| 0 PLACES                                                                                                                                      |  | ±     |  | THIRD ANGLE PROJECTION                                                                |  |         |  |       | DRAWING                                                                                                 |  | SERIES |          | SEE SHEETS 2-18 |          |              | GENERAL MARKET |  | 9 OF 17 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  |  |  | A1-SIZE |  | 91999 |                                                                                                         |  |        |          |                 |          |              |                |  |         |  |



4 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-1268                                                                    | 91703-0002        | 93002-2039           | NATURAL | 1b                         | 01c d20<br>03c d40       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1953           | A                                | A                     | NONE             |
| 91999-1269                                                                    | 91703-0017        | 93002-2002           | NATURAL | 2a 4b                      | d20                      | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-1989           | C                                | A                     | NONE             |
| 91999-1253                                                                    | 91703-0017        | 93002-2004           | NATURAL | 1a 2b 4b                   | 01c 03c d40              | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-1952           | C                                | A                     | NONE             |
| 91999-7000                                                                    | 91703-0002        | 93002-2999           | NATURAL | 1b 2b 3b 4a                | 01c 03c d40              | 1/2 3/4           | <br>PEG<br>2/3               | NONE                 | 91703-0003           | 91999-7500           | A                                | A                     | NONE             |
| 91999-7001                                                                    | 91703-0002        | 93002-2040           | NATURAL | 1a 1b 2a<br>3b 4a 4b       | 01c 02c<br>03c d40       | 3/4               |                              | NONE                 | 91703-0003           | 91999-7501           | A                                | A                     | NONE             |
| 91999-7002                                                                    | 91703-0002        | 93002-2041           | NATURAL | 1a                         | 01c d20<br>03c           | 1/2               |                              | NONE                 | 91703-0003           | 91999-7502           | A                                | A                     | NONE             |
| 91999-7003                                                                    | 91703-0002        | 93002-2042           | NATURAL | 2a 2b 3b 4a                | 01c 03c<br>d40           | 1/2               |                              | NONE                 | 91703-0003           | 91999-7503           | A                                | A                     | NONE             |
| 91999-7004                                                                    | 91703-0017        | 93002-2036           | NATURAL | 1b 2a 3a<br>3b 4b          | 01c d20<br>03c d40       | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-7504           | C                                | A                     | NONE             |
| 91999-7005                                                                    | 91703-0002        | 93002-2044           | NATURAL | 2a 3b                      | 01c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-7505           | A                                | A                     | NONE             |
| 91999-7006                                                                    | 91703-0002        | 93002-2046           | NATURAL | 1b 2a 3a 4b                | d20 03c                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-7506           | A                                | A                     | NONE             |
| 91999-1279                                                                    | 91703-0002        | 93002-2028           | NATURAL | 1b 2a 4b                   | d20 03c d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1967           | A                                | A                     | NONE             |
| 91999-1251                                                                    | 91703-0002        | 93002-2029           | NATURAL | 1a 3b 4a                   | 01c d20 d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1966           | A                                | A                     | NONE             |
| 91999-1252                                                                    | 91703-0002        | 93002-2030           | NATURAL | 1a 2b 3b 4a                | d20 d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-1965           | A                                | A                     | NONE             |
| 91999-1302                                                                    | 91703-0002        | 93002-2000           | NATURAL | 1b                         | 03c d40                  | 1/2 3/4           |                              | CCT 3                | 91703-0003           | 91999-1952           | B                                | A                     | NONE             |
| 91999-1303                                                                    | 91703-0002        | 93002-2030           | NATURAL | 1a 2b 3b 4a                | d20 d40                  | 1/2 3/4           |                              | CCT 3                | 91703-0003           | 91999-1949           | A                                | A                     | NONE             |

L7

NOTES:

\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DRAWING

A1-SIZE

SERIES

91999

CURRENT REV DESC: NEW PN- 919991303

EC NO: 788126  
DRWN: RAHULH3 2023/12/16  
CHK'D: RAHULH3 2024/06/03  
APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:  
DRWN: AKABADI 2017/09/15  
APPR: BRUTTLE 2017/11/10

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

MATERIAL NUMBER

SEE SHEETS 2-18

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 17

DOCUMENT STATUS

P1

RELEASE DATE

2024/06/05 16:27:51



5 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-2000                                                                    | 91703-0002        | 93002-3000           | NATURAL | 1a 5b                      | 01c d30                  | 1/2 2/3           |                              | NONE                 | 91703-0003           | 91999-2749           | A                                | A                     | NONE             |
| 91999-2001                                                                    | 91703-0002        | 93002-3001           | NATURAL | 1a 3a                      | 01c d30                  | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2748           | A                                | A                     | NONE             |
| 91999-2002                                                                    | 91703-0002        | 93002-3002           | NATURAL | 1a 5b                      | 01c d20<br>03c d50       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2747           | A                                | A                     | NONE             |
| 91999-2003                                                                    | 91703-0002        | 93002-3003           | NATURAL | 1b 2a 3b 5a                | 01c 03c                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2746           | A                                | A                     | NONE             |
| 91999-2004                                                                    | 91703-0002        | 93002-3004           | NATURAL | 1a 2a 2b 4b 5b             | 01c d30<br>04c d50       | 1/2 2/3 4/5       |                              | NONE                 | 91703-0003           | 91999-2745           | A                                | A                     | NONE             |
| 91999-2006                                                                    | 91703-0002        | 93002-3005           | NATURAL | 2a                         | 01c d50                  | 2/3 4/5           |                              | NONE                 | 91703-0003           | 91999-2742           | A                                | A                     | NONE             |
| 91999-2012                                                                    | 91703-0002        | 93002-3006           | NATURAL | 2a 4b                      | 01c d20 d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2743           | A                                | A                     | NONE             |
| 91999-2013                                                                    | 91703-0002        | 93002-3007           | NATURAL | 2b                         | d20                      | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2741           | A                                | A                     | NONE             |
| 91999-2014                                                                    | 91703-0002        | 93002-3008           | NATURAL | 4b 5a                      | 01c d30<br>04c d50       | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2740           | A                                | A                     | NONE             |
| 91999-2015                                                                    | 91703-0002        | 93002-3009           | NATURAL | NONE                       | 01c d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2739           | A                                | A                     | NONE             |
| 91999-2017                                                                    | 91703-0002        | 93002-3010           | NATURAL | 1a 4a                      | d30                      | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2737           | A                                | A                     | NONE             |
| 91999-2024                                                                    | 91703-0002        | 93002-3011           | NATURAL | 1a 5b                      | d20 d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2732           | A                                | A                     | NONE             |
| 91999-2025                                                                    | 91703-0002        | 93002-3019           | NATURAL | 2b                         | d20 d50                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2733           | A                                | A                     | NONE             |
| 91999-2006                                                                    | 91703-0002        | 93002-3005           | NATURAL | 2a                         | 01c d50                  | 2/3 4/5           |                              | NONE                 | 91703-0003           | 91999-2742           | A                                | A                     | NONE             |
| 91999-2027                                                                    | 91703-0002        | 93002-3020           | NATURAL | 1a 3a 4b 5a                | 03c 04c                  | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2735           | A                                | A                     | NONE             |
| 91999-2029                                                                    | 91703-0002        | 93002-3016           | NATURAL | 1b 2a 4a                   | 01c 04c d50              | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2730           | A                                | A                     | NONE             |
| 91999-2030                                                                    | 91703-0002        | 93002-3017           | NATURAL | 2b 3b 4a                   | 01c d20 d40              | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2729           | A                                | A                     | NONE             |
| 91999-2031                                                                    | 91703-0002        | 93002-3022           | NATURAL | 1a 5b                      | 01c d20 03c<br>d50       | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2728           | A                                | A                     | NONE             |
| 91999-2032                                                                    | 91703-0002        | 93002-3023           | NATURAL | 1a 1b 4a                   | d30 04c d50              | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2727           | A                                | A                     | NONE             |

NOTES:  
  
\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± 2.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

EC NO: 788126

DRWN: RAHULH3 2023/12/16

CHK'D: RAHULH3 2024/06/03

APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:

DRWN: AKABADI 2017/09/15

APPR: BRUTTLE 2017/11/10

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DRAWING

A1-SIZE

SERIES

91999

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

MATERIAL NUMBER

SEE SHEETS 2-18

CUSTOMER

GENERAL MARKET

SHEET NUMBER

11 OF 17

CURRENT REV DESC: NEW PN- 919991303

RAST 5 VERT HDR PA 66 HOUSING

PRODUCT CUSTOMER DRAWING



|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|-------------------------------------------------------------------------------|---|----------------------------------|-----------------------|------------------|---|---|
| 18                | 17                | 16                   | 15      | 14                         | 13                       | 12                | 11                           | 10                   | 9                    | 8                    | 7                                                                             | 6 | 5                                | 4                     | 3                | 2 | 1 |
| 5 CIRCUIT         |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |   | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |   |   |
| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                                                               |   |                                  |                       |                  |   |   |
| 91999-2033        | 91703-0002        | 93002-3002           | NATURAL | 1a 5b                      | 01c d20 03c<br>d50       | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2726           | B                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2034        | 91703-0017        | 93002-3001           | NATURAL | 1a 3a                      | 01c d30                  | 1/2 4/5           |                              | NONE                 | 91703-0018           | 91999-2725           | C                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2035        | 91703-0002        | 93002-3024           | NATURAL | ALL                        | ALL                      | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2724           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2036        | 91703-0017        | 93002-3000           | NATURAL | 1a 5b                      | 01c d30                  | 1/2 2/3           |                              | NONE                 | 91703-0018           | 91999-2723           | C                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2038        | 91703-0002        | 93002-3000           | NATURAL | 1a 5b                      | 01c d30                  | 1/2 2/3           |                              | NONE                 | 91703-0003           | 91999-2721           | B                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2039        | 91703-0017        | 93002-3003           | NATURAL | 1b 2a 3b 5a                | 01c 03c                  | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-2720           | C                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2040        | 91703-0002        | 93002-3003           | NATURAL | 1b 2a 3b 5a                | 01c 03c                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2719           | B                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2041        | 91703-0002        | 93002-3026           | NATURAL | 2a 2b 3b 4a                | d20 d40                  | 1/2 3/4           |                              | NONE                 | 91703-0003           | 91999-2718           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2042        | 91703-0017        | 93002-3002           | NATURAL | 1a 5b                      | 01c d20 03c d50          | 1/2 3/4           |                              | NONE                 | 91703-0018           | 91999-2717           | C                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2043        | 91703-0002        | 93002-3029           | NATURAL | 1b 3b 4b                   | 01c d20 d50              | 1/2 4/5           |                              | 2,4                  | 91703-0003           | 91999-2716           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2044        | 91703-0002        | 93002-3007           | NATURAL | 2b                         | d20                      | 1/2 4/5           |                              | 4                    | 91703-0003           | 91999-2715           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2045        | 91703-0002        | 93002-3030           | NATURAL | 1a 2b 4b                   | 03c d50                  | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-2714           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2046        | 91703-0002        | 93002-3031           | NATURAL | 2b                         | d20                      | 1/2               |                              | 2,4                  | 91703-0003           | 91999-2713           | A                                                                             | A | NONE                             |                       |                  |   |   |
| ----              | 91703-0002        | 93002-3022           | NATURAL | 1a 5b                      | 01c d20 03c d50          | 1/2 4/5           |                              | 2,4                  | 91703-0003           | 91999-2712           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2048        | 91703-0002        | 93002-3022           | NATURAL | 1a 5b                      | 01c d20 03c d50          | 1/2 4/5           |                              | 2,4                  | 91703-0003           | 91999-2711           | B                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2049        | 91703-0002        | 93002-3007           | NATURAL | 2b                         | d20                      | 1/2 4/5           |                              | 2,4                  | 91703-0003           | 91999-2710           | B                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2050        | 91703-0002        | 93002-3020           | NATURAL | 1a 3a 4b 5a                | 03c 04c                  | 1/2 4/5           |                              | 4                    | 91703-0003           | 91999-2709           | A                                                                             | A | NONE                             |                       |                  |   |   |
| 91999-2051        | 91703-0002        | 93002-3006           | NATURAL | 2a 4b                      | 01c d20 d40              | 1/2 3/4           |                              | NONE                 |                      |                      | B                                                                             | A | NONE                             | L6                    |                  |   |   |
| 91999-2052        | 91703-0002        | 93002-3006           | NATURAL | 2a 4b                      | 01c d20 d40              | 1/2 3/4           |                              | 4                    | 91703-0003           | 91999-2708           | A                                                                             | A | NONE                             |                       |                  |   |   |
|                   |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                               |   |                                  |                       |                  |   |   |
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|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                                                                                               |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
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| 18                                 | 17                | 16                   | 15      | 14                         | 13                       | 12                | 11                           | 10                   | 9                    | 8                    | 7                                                                                                                                             | 6                  | 5                                                          | 4                     | 3                      | 2 | 1            |  |  |  |  |  |
| 6 CIRCUIT                          |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE                                                                 |                    | P.C.B.<br>POLARISATION<br>OPTION                           | PACKAGING<br>OPTION * | COLOUR<br>STRIPE       |   |              |  |  |  |  |  |
| PART NO.<br>(TIN)                  | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                                                                                                                               |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
| 91999-2753                         | 91703-0002        | 93002-4000           | NATURAL | 1b                         | 03c d60                  | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3499           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2754                         | 91703-0002        | 93002-4001           | NATURAL | 1a 3b 4b                   | 01c d50 06c              | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3498           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2755                         | 91703-0002        | 93002-4002           | NATURAL | 1a 1b 2b 3a<br>3b 4b       | d30 04c d50              | 1/2 2/3 4/5       |                              | NONE                 | 91703-0003           | 91999-3497           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2756                         | 91703-0002        | 93002-4003           | NATURAL | 1a 1b<br>4a 4b             | d10 d50                  | 2/3 4/5           |                              | NONE                 | 91703-0003           | 91999-3496           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2757                         | 91703-0002        | 93002-4004           | NATURAL | 2a 4b 5a 6b                | d20 03c 05c              | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3495           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2758                         | 91703-0002        | 93002-4005           | NATURAL | 1a 2b 3a<br>3b 5b 6b       | 01c d40 d60              | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3494           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2759                         | 91703-0002        | 93002-4006           | NATURAL | 1b 2a 3a 4b<br>5a 5b 6b    | 01c 03c d60              | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3493           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2761                         | 91703-0002        | 93002-4007           | NATURAL | 2b                         | d20 d60                  | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-3492           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2762                         | 91703-0002        | 93002-4008           | NATURAL | 2b 3b 4a                   | 01c d50 06c              | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3491           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2768                         | 91703-0002        | 93002-4009           | NATURAL | 1b 4b                      | d20 03c<br>d50 06c       | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3486           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2769                         | 91703-0002        | 93002-4010           | NATURAL | 1a 2b 3b<br>4a 6b          | 01c 03c d40<br>05c d60   | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3485           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2770                         | 91703-0002        | 93002-4011           | NATURAL | 1a 2b 4a 6b                | 01c d40                  | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3484           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2771                         | 91703-0002        | 93002-4030           | NATURAL | 1b 6b                      | d40                      | 1/2 5/6           |                              | 2 & 5                | 91703-0003           | 91999-3483           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2772                         | 91703-0002        | 93002-4016           | NATURAL | 1b 2a 3a 4b<br>5a 5b 6b    | 01c d60                  | 2/3 5/6           |                              | NONE                 | 91703-0003           | 91999-3482           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2773                         | 91703-0017        | 93002-4000           | NATURAL | 1b                         | 03c d60                  | 1/2 4/5           |                              | NONE                 | 91703-0018           | 91999-3481           | C                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2774                         | 91703-0017        | 93002-4017           | NATURAL | 1a 1b 2b 3b                | d20 05c d60              | 1/2 3/4 5/6       |                              | NONE                 | 91703-0018           | 91999-3480           | C                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2775                         | 91703-0017        | 93002-4016           | NATURAL | 1b 2a 3a 4b<br>5a 5b 6b    | 01c d60                  | 2/3 5/6           |                              | NONE                 | 91703-0018           | 91999-3479           | C                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2776                         | 91703-0002        | 93002-4018           | NATURAL | ALL                        | ALL                      | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3478           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2777                         | 91703-0002        | 93002-4019           | NATURAL | 1b                         | 03c d60                  | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-3477           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
| 91999-2778                         | 91703-0002        | 93002-4020           | NATURAL | 1b 2b 3b                   | 01c 05c d60              | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3476           | A                                                                                                                                             | A                  | NONE                                                       |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                                                                                               |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
| NOTES:<br><br>* SEE SHEET 1 NOTE 4 |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | DIMENSION UNITS    SCALE                                                                                                                      |                    | CURRENT REV DESC: NEW PN- 919991303                        |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | mm    1:1                                                                                                                                     |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | ANGULAR TOL    ±    2.0 °                                                                                                                     |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 4 PLACES    ±                                                                                                                                 |                    |                                                            |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 3 PLACES    ±                                                                                                                                 | EC NO: 788126      |                                                            | 2023/12/16            |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 2 PLACES    ±    0.1                                                                                                                          | DRWN: RAHULH3      |                                                            | 2024/06/03            |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 1 PLACE    ±    0.2                                                                                                                           | CHK'D: RAHULH3     |                                                            | 2024/06/03            |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 0 PLACES    ±                                                                                                                                 | APPR: MRAMAKRISHNA |                                                            | 2024/06/05            |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | INITIAL REVISION:                                                                                                                             |                    | DRWN: AKABADI                                              |                       | 2017/09/15             |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | APPR: BRUTTLE                                                                                                                                 |                    | 2017/11/10                                                 |                       |                        |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |                    | THIRD ANGLE PROJECTION                                     |                       | DRAWING                |   | SHEET NUMBER |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      |                                                                                                                                               |                    | A1-SIZE                                                    |                       | SERIES                 |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 91999                                                                                                                                         |                    | MATERIAL NUMBER                                            |                       | CUSTOMER               |   | 13 OF 17     |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | DOCUMENT NUMBER                                                                                                                               |                    | DOC TYPE                                                   |                       | DOC PART               |   | REVISION     |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 919990001                                                                                                                                     |                    | PSD                                                        |                       | 000                    |   | L7           |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |                    | ANGULAR TOL    ±    2.0 °                                  |                       | 4 PLACES    ±          |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 3 PLACES    ±                                                                                                                                 |                    | 2 PLACES    ±    0.1                                       |                       | 1 PLACE    ±    0.2    |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 0 PLACES    ±                                                                                                                                 |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                       | THIRD ANGLE PROJECTION |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |                    | THIRD ANGLE PROJECTION                                     |                       | DRAWING                |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 91999                                                                                                                                         |                    | MATERIAL NUMBER                                            |                       | CUSTOMER               |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | DOCUMENT NUMBER                                                                                                                               |                    | DOC TYPE                                                   |                       | DOC PART               |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 919990001                                                                                                                                     |                    | PSD                                                        |                       | 000                    |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |                    | ANGULAR TOL    ±    2.0 °                                  |                       | 4 PLACES    ±          |   |              |  |  |  |  |  |
|                                    |                   |                      |         |                            |                          |                   |                              |                      |                      |                      | 3 PLACES    ±                                                                                                                                 |                    |                                                            |                       |                        |   |              |  |  |  |  |  |

|                 |    |              |            |          |    |    |    |    |   |   |   |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|----|----|----|----|---|---|---|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/05 | 16:27:51 |    |    |    |    |   |   |   |   |   |   |   |   |   |
| 18              | 17 | 16           | 15         | 14       | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |



6 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING  
FORMAT WHEN ADDING NEW PART

| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS       | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| 91999-2779        | 91703-0002        | 93002-4021           | NATURAL | ALL                        | ALL                            | 2/3 4/5           |                              | NONE                 | 91703-0003           | 91999-3475           | A                                | A                     | NONE             |
| 91999-2780        | 91703-0002        | 93002-4023           | NATURAL | 1b 6a                      | 04c                            | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-3474           | A                                | A                     | NONE             |
| 91999-2781        | 91703-0017        | 93002-4000           | NATURAL | 1b                         | 03c d60                        | 1/2 4/5           |                              | NONE                 | 91703-0018           | 91999-3473           | C                                | A                     | NONE             |
| 91999-2782        | 91703-0002        | 93002-4022           | NATURAL | 1b 2a 2b<br>3a 3b 6a       | ALL                            | 4/5               |                              | NONE                 | 91703-0003           | 91999-3472           | A                                | A                     | NONE             |
| 91999-2783        | 91703-0002        | 93002-4025           | NATURAL | 1b 2a 3a<br>4b 5b 6a 6b    | 01c d20<br>03c d60             | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3471           | A                                | A                     | NONE             |
| 91999-2784        | 91703-0002        | 93002-4012           | NATURAL | 2b 6b                      | d40                            | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-3470           | A                                | A                     | NONE             |
| 91999-2785        | 91703-0002        | 93002-4026           | NATURAL | 1a 1b 2a<br>2b 3a 3b 6a    | 01c d10 02c<br>d30 d50 06c     | 4/5               |                              | NONE                 | 91703-0003           | 91999-3469           | A                                | A                     | NONE             |
| 91999-2786        | 91703-0002        | 93002-4000           | NATURAL | 1b                         | 03c d60                        | 1/2 4/5           |                              | 2                    | 91703-0003           | 91999-3468           | A                                | A                     | NONE             |
| 91999-2787        | 91703-0002        | 93002-4027           | NATURAL | 1a 1b 2a 2b<br>3a 3b 5b 6b | 01c d20 03c<br>d30 04c 05c d60 | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-3467           | A                                | A                     | NONE             |
| 91999-2788        | 91703-0002        | 93002-4028           | NATURAL | 1b 5b 6a                   | d20 03c<br>d40 05c             | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-3487           | A                                | A                     | NONE             |
| 91999-2789        | 91703-0002        | 93002-4000           | NATURAL | 1b                         | 03c d60                        | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-3490           | B                                | A                     | NONE             |

NOTES:  
  
\* SEE SHEET 1 NOTE 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL

± 2.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

± 0.1

1 PLACE

± 0.2

0 PLACES

±

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

SERIES

91999

CURRENT REV DESC: NEW PN- 919991303

EC NO: 788126

DRWN: RAHULH3 2023/12/16

CHK'D: RAHULH3 2024/06/03

APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:

DRWN: AKABADI 2017/09/15

APPR: BRUTTLE 2017/11/10

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

MATERIAL NUMBER

SEE SHEETS 2-18

CUSTOMER

GENERAL MARKET

SHEET NUMBER

14 OF 17



## 7 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING  
FORMAT WHEN ADDING NEW PART NUMBE

P.C.B.  
POLARISATION  
OPTION

## PACKAGING OPTION \*

COLOUR  
STRIPE

| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS   | LATCH<br>POSITION | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) | OPTION | OPTION * | STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|----------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|--------|----------|--------|
| 91999-3511        | 91703-0002        | 93002-5000           | NATURAL | NONE                       | 03c d40 07c                | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-4249           | A      | A        | NONE   |
| 91999-3512        | 91703-0002        | 93002-5001           | NATURAL | 3a 4a                      | d30 d70                    | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-4248           | A      | A        | NONE   |
| 91999-3504        | 91703-0002        | 93002-5002           | NATURAL | 2b                         | d20 d60                    | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-4247           | A      | A        | NONE   |
| 91999-3508        | 91703-0002        | 93002-5003           | NATURAL | 1a 1b 3a<br>4b 5a          | 01c 07c                    | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-4243           | A      | A        | NONE   |
| 91999-3509        | 91703-0002        | 93002-5004           | NATURAL | 2a                         | 01c d50                    | 2/3 4/5           |                              | NONE                 | 91703-0003           | 91999-4242           | A      | A        | NONE   |
| 91999-3515        | 91703-0002        | 93002-5005           | NATURAL | 7b                         | 01c d40 d70                | 1/2 3/4 6/7       |                              | NONE                 | 91703-0003           | 91999-4240           | A      | A        | NONE   |
| 91999-3516        | 91703-0002        | 93002-5006           | NATURAL | 1b                         | 03c d60                    | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-4239           | A      | A        | NONE   |
| 91999-3517        | 91703-0002        | 93002-5007           | NATURAL | 1a 3a 4b<br>7b             | 01c d20<br>03c 06c         | 1/2 3/4 6/7       |                              | NONE                 | 91703-0003           | 91999-4238           | A      | A        | NONE   |
| 91999-3519        | 91703-0002        | 93002-5008           | NATURAL | 1b 7a                      | 02c d50                    | 2/3 6/7           |                              | NONE                 | 91703-0003           | 91999-4237           | A      | A        | NONE   |
| 91999-3521        | 91703-0002        | 93002-5009           | NATURAL | 1a 2b 3a<br>4b 6a          | d20 03c d40<br>d50 d70     | 1/2 3/4 6/7       |                              | NONE                 | 91703-0003           | 91999-4236           | A      | A        | NONE   |
| 91999-3522        | 91703-0002        | 93002-5010           | NATURAL | 1b 6a                      | d20 03c<br>d50 d70         | 1/2 3/4 6/7       |                              | NONE                 | 91703-0003           | 91999-4235           | A      | A        | NONE   |
| 91999-3523        | 91703-0002        | 93002-5011           | NATURAL | 1b 2a 5a 5b<br>7b          | d20 d50 06c<br>d70         | 1/2 4/5 6/7       |                              | NONE                 | 91703-0003           | 91999-4234           | A      | A        | NONE   |
| 91999-3524        | 91703-0002        | 93002-5012           | NATURAL | 2b                         | d20 07c                    | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-4233           | A      | A        | NONE   |
| 91999-3525        | 91703-0002        | 93002-5013           | NATURAL | 2a 2b 4b 5b<br>6a          | d20 03c d40<br>d60         | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-4232           | A      | A        | NONE   |
| 91999-3526        | 91703-0002        | 93002-5014           | NATURAL | 2b 4a 4b 5b<br>6a          | 01c d20 d40<br>d60         | 1/2 3/4 5/6       |                              | NONE                 | 91703-0003           | 91999-4231           | A      | A        | NONE   |
| 91999-3527        | 91703-0002        | 93002-5015           | NATURAL | 1b 2a 3a 5b<br>6a 6b 7b    | 01c d70                    | 2/3 6/7           |                              | NONE                 | 91703-0003           | 91999-4230           | A      | A        | NONE   |
| 91999-3528        | 91703-0002        | 93002-5016           | NATURAL | ALL                        | ALL                        | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-4229           | A      | A        | NONE   |
| 91999-3529        | 91703-0002        | 93002-5017           | NATURAL | 2a 3b 4b 5a<br>6a 6b 7a    | 01c d30 04c<br>06c d60 d70 | 1/2 4/5           |                              | NONE                 | 91703-0003           | 91999-4228           | A      | A        | NONE   |
| 91999-3530        | 91703-0002        | 93002-5018           | NATURAL | NONE                       | 04c 07c                    | 1/2 5/6           |                              | NONE                 | 91703-0003           | 91999-4227           | A      | A        | NONE   |
| 91999-3531        | 91703-0017        | 93002-5000           | NATURAL | NONE                       | 03c d40 07c                | 1/2 5/6           |                              | NONE                 | 91703-0018           | 91999-4226           | C      | A        | NONE   |

NOTES:

\* SEE SHEET 1 NOTE 4

|                                                                                                                                               |  |       |  |                                                                                       |  |                                                                                       |  |                          |  |                 |          |          |  |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------|--|-----------------|----------|----------|--|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                       |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: NEW PN- 919991303                                                   |  |                                                                                       |  | <div>molex</div>         |  |                 |          |          |  |              |
| mm                                                                                                                                            |  | 1:1   |  |                                                                                       |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |       |  | RAST 5 VERT HDR PA 66 HOUSING                                                         |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| ANGULAR TOL ± 2.0 °                                                                                                                           |  |       |  |                                                                                       |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| 4 PLACES                                                                                                                                      |  | ±     |  | EC NO: 788126                                                                         |  |                                                                                       |  | PRODUCT CUSTOMER DRAWING |  |                 |          |          |  |              |
| 3 PLACES                                                                                                                                      |  | ±     |  | DRWN: RAHULH3 2023/12/16                                                              |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| 2 PLACES                                                                                                                                      |  | ± 0.1 |  | CHK'D: RAHULH3 2024/06/03                                                             |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | APPR: MRAMAKRISHNA 2024/06/05                                                         |  |                                                                                       |  | DOCUMENT NUMBER          |  | DOC TYPE        | DOC PART | REVISION |  |              |
| 0 PLACES                                                                                                                                      |  | ±     |  | INITIAL REVISION:                                                                     |  |                                                                                       |  |                          |  |                 |          |          |  |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING                                                                               |  | SERIES                   |  | MATERIAL NUMBER |          | CUSTOMER |  | SHEET NUMBER |
|                                                                                                                                               |  |       |  |                                                                                       |  |                                                                                       |  |                          |  |                 |          |          |  |              |
|                                                                                                                                               |  |       |  |  |  |  |  | SEE SHEETS 2-18          |  | GENERAL MARKET  |          | 15 OF 17 |  |              |
|                                                                                                                                               |  |       |  | DRWN: AKABADI 2017/09/15                                                              |  |                                                                                       |  | 919990001                |  | PSD             | 000      | L7       |  |              |
|                                                                                                                                               |  |       |  | APPR: BRUTTLE 2017/11/10                                                              |  |                                                                                       |  |                          |  |                 |          |          |  |              |



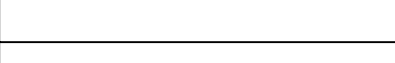
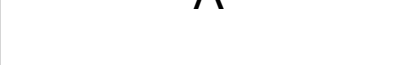
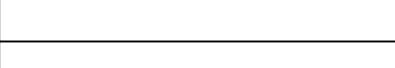
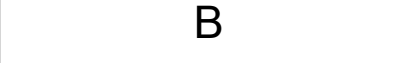
## 7 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING  
FORMAT WHEN ADDING NEW PART NUMBE

P.C.B.  
POLARISATION  
OPTION

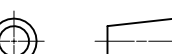
### PACKAGING OPTION \*

COLOUR  
STRIPE

| PART NO.<br>(TIN) | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS | UNBLOCKED<br>CODING KEYS   | LATCH<br>POSITION  | CONFIGURATION<br>(SEE NOTES)                                                        | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) | OPTION | OPTION * | STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|----------------------------|--------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--------|----------|--------|
| 91999-3532        | 91703-0002        | 93002-5021           | NATURAL | 5b                         | d30 d70                    | 1/2 6/7            |  | NONE                 | 91703-0003           | 91999-4225           | A      | A        | NONE   |
| 91999-3533        | 91703-0002        | 93002-5022           | NATURAL | 1a 1b 2b<br>3a 4b 6a       | d10 d30 04c<br>d40 d50 d70 | 2/3 6/7            |  | NONE                 | 91703-0003           | 91999-4224           | A      | A        | NONE   |
| 91999-3534        | 91703-0002        | 93002-5023           | NATURAL | 1b 2b 3a<br>4a 7b          | d20 03c d70                | 1/2 3/4<br>4/5 6/7 |  | NONE                 | 91703-0003           | 91999-4223           | A      | A        | NONE   |
| 91999-3535        | 91703-0002        | 93002-5021           | NATURAL | 5b                         | d30 d70                    | 1/2 6/7            |  | 2, 4 & 6             | 91703-0003           | 91999-4222           | A      | A        | NONE   |
| 91999-3536        | 91703-0002        | 93002-5001           | NATURAL | 3a 4a                      | d30 d70                    | 1/2 5/6            |  | NONE                 | 91703-0003           | 91999-4221           | A      | A        | NONE   |
| 91999-3537        | 91703-0002        | 93002-5021           | NATURAL | 5b                         | d30 d70                    | 1/2 6/7            |  | 2, 4 & 6             | 91703-0003           | 91999-4220           | B      | A        | NONE   |
| 91999-3538        | 91703-0002        | 93002-5001           | NATURAL | 3a 4a                      | d30 d70                    | 1/2 5/6            |  | 2, 4 & 6             | 91703-0003           | 91999-4219           | B      | A        | NONE   |
| 91999-3539        | 91703-0002        | 93002-5000           | NATURAL | NONE                       | 03c d40 07c                | 1/2 5/6            |  | NONE                 | 91703-0003           | 91999-4218           | B      | A        | NONE   |
| 91999-3540        | 91703-0002        | 93002-5025           | NATURAL | 5b                         | d30 d70                    | 2/3 5/6            |  | 2, 4 & 6             | 91703-0003           | 91999-4217           | B      | A        | NONE   |

NOTES:

\* SEE SHEET 1 NOTE 4

|                                                                                                                                               |  |       |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|-------------------------------|--|-----------------|----------|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |       |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE |  | CURRENT REV DESC: NEW PN- 919991303                                                                                                                                                 |  |         |  | <div>molex</div>              |  |                 |          |                |  |              |  |
| mm                                                                                                                                            |  | 1:1   |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  | EC NO: 788126<br>DRWN: RAHULH3 2023/12/16<br>CHK'D: RAHULH3 2024/06/03<br>APPR: MRAMAKRISHNA 2024/06/05<br>INITIAL REVISION:<br>DRWN: AKABADI 2017/09/15<br>APPR: BRUTTE 2017/11/10 |  |         |  | FAST 5 VERT HDR PA 66 HOUSING |  |                 |          |                |  |              |  |
| ANGULAR TOL ± 2.0 °                                                                                                                           |  |       |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| 4 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| 3 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| 2 PLACES                                                                                                                                      |  | ± 0.1 |  |                                                                                                                                                                                     |  |         |  |                               |  |                 |          |                |  |              |  |
| 1 PLACE                                                                                                                                       |  | ± 0.2 |  | PRODUCT CUSTOMER DRAWING                                                                                                                                                            |  |         |  | DOCUMENT NUMBER               |  | DOC TYPE        | DOC PART | REVISION       |  |              |  |
| 0 PLACES                                                                                                                                      |  | ±     |  |                                                                                                                                                                                     |  |         |  | 919990001                     |  | PSD             | 000      | L7             |  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |  |       |  | THIRD ANGLE PROJECTION                                                                                                                                                              |  | DRAWING |  | SERIES                        |  | MATERIAL NUMBER |          | CUSTOMER       |  | SHEET NUMBER |  |
|                                                          |  |       |  |                                                                                                |  | A1-SIZE |  | 91999                         |  | SEE SHEETS 2-18 |          | GENERAL MARKET |  | 16 OF 17     |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/06/05 | 16:27:51 |
|-----------------|----|--------------|------------|----------|



8 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING<br>FORMAT WHEN ADDING NEW PART NUMBE |                   |                      |         |                               |                                                       |                    |                              |                      |                      |                      | P.C.B.<br>POLARISATION<br>OPTION | PACKAGING<br>OPTION * | COLOUR<br>STRIPE |
|-------------------------------------------------------------------------------|-------------------|----------------------|---------|-------------------------------|-------------------------------------------------------|--------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|
| PART NO.<br>(TIN)                                                             | TERM NO.<br>(TIN) | MOLEX<br>HOUSING NO. | COLOUR  | UNBLOCKED<br>POSITION KEYS    | UNBLOCKED<br>CODING KEYS                              | LATCH<br>POSITION  | CONFIGURATION<br>(SEE NOTES) | TERMINAL<br>VOID CKT | TERM NO.<br>(SILVER) | PART NO.<br>(SILVER) |                                  |                       |                  |
| 91999-4250                                                                    | 91703-0002        | 93002-6010           | NATURAL | 8b                            | 01c d10 04c d40<br>05c d50 06c d60<br>07c d70 08c d80 | 2/3                |                              | NONE                 | 91703-0003           | 91999-4999           | A                                | A                     | NONE             |
| 91999-4251                                                                    | 91703-0002        | 93002-6011           | NATURAL | 1a 4b 5a<br>6b 7b 8a          | d40 d60<br>07c d80                                    | 1/2 3/4<br>5/6 7/8 |                              | NONE                 | 91703-0003           | 91999-4998           | A                                | A                     | NONE             |
| 91999-4252                                                                    | 91703-0002        | 93002-6012           | NATURAL | ALL                           | d20 03c<br>d60 07c                                    | 1/2 7/8            |                              | 2, 4 & 6             | 91703-0003           | 91999-4997           | A                                | A                     | NONE             |
| 91999-4253                                                                    | 91703-0002        | 93002-6013           | NATURAL | 1a 2a 3a 4b<br>5a 5b 6b 7b 8b | 01c 03c<br>d60 07c                                    | 1/2 3/4<br>5/6 7/8 |                              | NONE                 | 91703-0003           | 91999-4996           | A                                | A                     | NONE             |
| 91999-4254                                                                    | 91703-0002        | 93002-6012           | NATURAL | ALL                           | d20 03c<br>d60 07c                                    | 1/2 7/8            |                              | NONE                 | 91703-0003           | 91999-4995           | A                                | A                     | NONE             |

NOTES:  
  
\* SEE SHEET 1 NOTE 4

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL

± 2.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

± 0.1

1 PLACE

± 0.2

0 PLACES

±

EC NO: 788126

DRWN: RAHULH3 2023/12/16

CHK'D: RAHULH3 2024/06/03

APPR: MRAMAKRISHNA 2024/06/05

INITIAL REVISION:

DRWN: AKABADI 2017/09/15

APPR: BRUTTLE 2017/11/10

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A1-SIZE

SERIES

91999

CURRENT REV DESC: NEW PN- 919991303

DOCUMENT NUMBER

919990001

DOC TYPE

PSD

DOC PART

000

REVISION

L7

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE SHEETS 2-18

CUSTOMER

GENERAL MARKET

SHEET NUMBER

17 OF 17

RAST 5 VERT HDR PA 66 HOUSING

DOCUMENT STATUS

P1

RELEASE DATE

2024/06/05 16:27:51

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