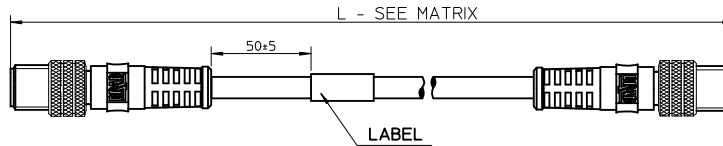


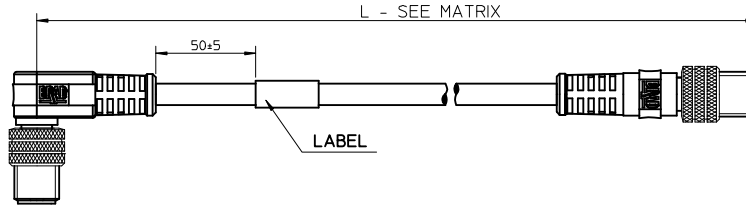
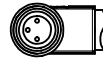
MALE STRAIGHT - MALE STRAIGHT

44X060XXXMXXX



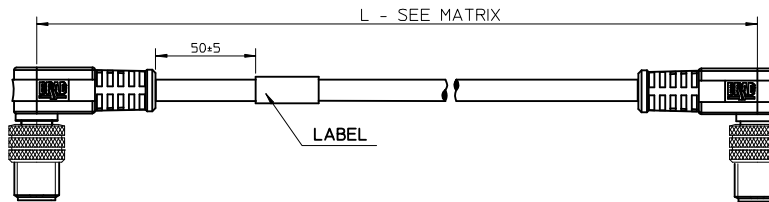
MALE RIGHT ANGLE - MALE STRAIGHT

44X062XXXMXXX



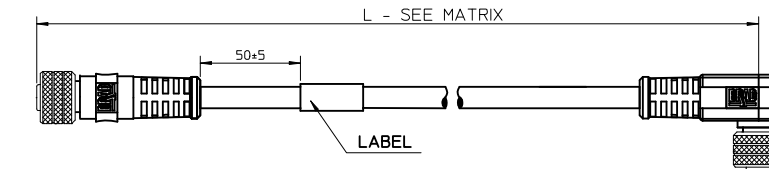
MALE RIGHT ANGLE - MALE RIGHT ANGLE

44X063XXXMXXX



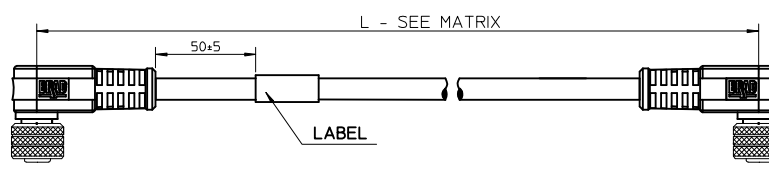
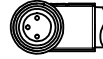
FEMALE STRAIGHT - FEMALE RIGHT ANGLE

44X012XXXMXXX



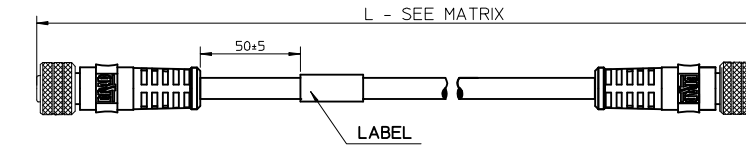
FEMALE RIGHT ANGLE - FEMALE RIGHT ANGLE

44X013XXXMXXX



FEMALE STRAIGHT - FEMALE STRAIGHT

44X010XXXMXXX



M8 FEMALE FACE VIEWS

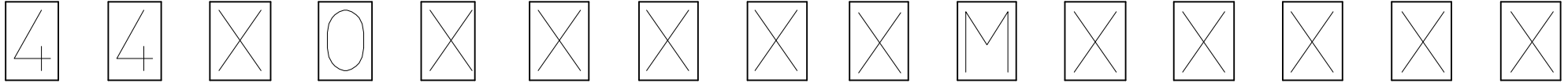
| M8 3 POLE | | M8 4 POLE | | M8 5 POLE | |
|-----------|-------|-----------|-------|-----------|-------|
| Pin #. | Wire | Pin #. | Wire | Pin #. | Wire |
| 1 | Brown | 1 | Brown | 1 | Brown |
| 2 | - | 2 | White | 2 | White |
| 3 | Blue | 3 | Blue | 3 | Blue |
| 4 | Black | 4 | Black | 4 | Black |
| 5 | - | 5 | - | 5 | Grey |

M8 MALE FACE VIEWS

| M8 3 POLE | | M8 4 POLE | | M8 5 POLE | |
|-----------|-------|-----------|-------|-----------|-------|
| Pin #. | Wire | Pin #. | Wire | Pin #. | Wire |
| 1 | Brown | 1 | Brown | 1 | Brown |
| 2 | - | 2 | White | 2 | White |
| 3 | Blue | 3 | Blue | 3 | Blue |
| 4 | Black | 4 | Black | 4 | Black |
| 5 | - | 5 | - | 5 | Grey |

| | | | | | | | | | |
|---|--|---|-----------------------|--|-------------------------------|---|---|--------------------------------|--|
| <p>ORIGINAL RELEASE</p> <p>EC NO: ICG2016-0530</p> <p>DRW: MMAJGAT 2015/10/07</p> <p>CHK: APWLAK01 2015/10/07</p> <p>APPR: MIWASIECZKO 2015/11/03</p> | <p>QUALITY SYMBOLS</p> <p>▽=0</p> <p>▽=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> | | <p>DIMENSION STYLE</p> <p>MM ONLY</p> | <p>SCALE</p> <p>---</p> | <p>DESIGN UNITS</p> <p>METRIC</p> | <p>THIRD ANGLE PROJECTION</p> | | |
| | | <p>4 PLACES ± --- ± ---</p> <p>3 PLACES ± --- ± ---</p> <p>2 PLACES ± --- ± ---</p> <p>1 PLACE ± --- ± ---</p> <p>0 PLACE ± --- ± ---</p> | <p>mm</p> <p>INCH</p> | <p>DRAWN BY</p> <p>MMAJGAT</p> | <p>DATE</p> <p>2015/10/07</p> | <p>TITLE</p> <p>CSE XP M8 DOUBLE ENDED</p> | | | |
| | | <p>ANGULAR ± 1 °</p> | | <p>CHECKED BY</p> <p>APWLAK01</p> | <p>DATE</p> <p>2015/10/07</p> | <p>molex</p> | | | |
| | | <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> | | <p>APPROVED BY</p> <p>MIWASIECZKO</p> | <p>DATE</p> <p>2015/11/03</p> | <p>MATERIAL NO.</p> <p>SEE SHEET 3</p> | <p>DOCUMENT NO.</p> <p>SD-120087-059</p> | <p>SHEET NO.</p> <p>1 OF 3</p> | |

NUMERICAL CODE:



44 = M8 - M8

Pole:
3 = 3 poles
4 = 4 poles
5 = 5 poles

060 = male straight - male straight
062 = male straight - male right angle
063 = male right angle - male right angle
012 = female straight - female right angle
010 = female straight - female straight
013 = female right angle - female right angle

M = Meter

Length:
Example
020 = 2 m

| Table of length tolerances | | |
|----------------------------|---------------------|---------------|
| Over | Up to and including | Tolerance (+) |
| 0 | 305 | +19 |
| 305 | 915 | +45 |
| 915 | 1830 | +56 |
| 1830 | 3660 | +89 |
| 3660 | 7320 | +165 |
| 7320 | 14640 | +317 |
| 14640 | 30500 | +610 |
| 30500 | > | +2% of length |

E02 = 0,25mm², PVC BLACK
E03 = 0,25mm², PVC BLACK
H69 = 0,2mm², PUR BLACK
P03 = 0,34mm², PUR BLACK
P02 = 0,21mm², PUR BLACK
P70 = 0,21mm², PUR/PVC BLACK
P82 = 0,34mm², PUR ORANGE

H = 2pcs. of I/D Carrier

Couplin Nut:

- Blank = KNU
- 1, 8 = Stainless steel
- 5 = DERLIN
- 7 = TEFLON KNU
- 9 = KNU/HEX

Overmould:

- Blank = Black
- A = Grey
- G = Black
- Y = Yellow

| ORIGINAL RELEASE EC NO: IFC2016-0530 DRWN:MMJGAT 2015/10/07 CHKD:APAWLAK01 2015/10/07 APPR:MIWASIECZKO 2015/11/03 | QUALITY SYMBOLS ▼=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± --- | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± --- | ± --- | DIMENSION STYLE MM ONLY | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|---|--|--------------------|---------------------------------|------|----------|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|---------|-------|-------|-----------------------------------|--------------|------------------------|------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| | 2 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| DESCRIPTION A | MATERIAL NO. SEE SHEET 3 | DRAWN BY MMAJGAT | DATE 2015/10/07 | TITLE CSE XP M8 DOUBLE ENDED | | | | | | | | | | | | | | | | | | | | |
| | ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | CHECKED BY APAWLAK01 | DATE 2015/10/07 | | | | | | | | | | | | | | | | | | | | | |
| | | APPROVED BY MIWASIECZKO | DATE 2015/11/03 | | | | | | | | | | | | | | | | | | | | | |
| | | DOCUMENT NO. SD-120087-059 | | SHEET NO. 2 OF 3 | | | | | | | | | | | | | | | | | | | | |

TABLE 1

MALE STRAIGHT - MALE STRAIGHT

443060KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200878640 | 443060E02M005 |
| 1200878675 | 443060E02M005H |

MALE STRAIGHT - MALE STRAIGHT

444060KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200878547 | 444060P02M002 |

MALE STRAIGHT - MALE STRAIGHT

445060KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200281312 | 445060P02M018 |
| 1200878199 | 445060P02M006 |
| 1200878200 | 445060P02M030 |

FEMALE RIGHT ANGLE - FEMALE RIGHT ANGLE

443013KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200878270 | 443013P02C150G |
| 1200878271 | 443013P02M002G |

FEMALE RIGHT ANGLE - FEMALE RIGHT ANGLE

444013KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200878835 | 444013E02M029 |
| 1200878838 | 444013E02M019 |
| 1200878842 | 444013E02M021 |

FEMALE STRAIGHT - FEMALE STRAIGHT

444010KXXMXXX

| MOLEX PN | ENGINEERING No. |
|------------|-----------------|
| 1200878030 | 444010E02M120 |
| 1200878144 | 444010H08M002 |
| 1200878145 | 444010H08M020 |
| 1200878342 | 444010P02M020 |
| 1200878343 | 444010P02M050 |
| 1200878344 | 444010P02M070 |
| 1200878345 | 444010P02M100 |
| 1200878546 | 444010P02M002 |
| 1200878552 | 444010P02M150 |
| 1200878553 | 444010P02M200 |
| 1200878572 | 444010P70M002 |
| 1200878836 | 444010E02M041 |
| 1200878839 | 444010E02M039 |
| 1200878840 | 444010E02M021 |

| | | | | | | | | | |
|--|-------------------------------|--|----|---|----------------------------|-------------------------------|---------------------------------|------------------------|--|
| ORIGINAL RELEASE EC NO: IFC2016-0530 DRN:MMJGAT 2015/10/07 CHKD:APAWLAK01 2015/10/07 APPR:MIWASIECZKO 2015/11/03 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | | mm | INCH | DRAWN BY MMAJGAT | DATE 2015/10/07 | TITLE CSE XP M8 DOUBLE ENDED | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- | | | CHECKED BY APAWLAK01 | DATE 2015/10/07 | | | |
| | | | | | APPROVED BY MIWASIECZKO | DATE 2015/11/03 | | | |
| | | ANGULAR ± 1 ° | | MATERIAL NO. SEE TABLE 1 | | DOCUMENT NO. SD-120087-059 | | SHEET NO. 3 OF 3 | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |