

CKT SIZE	DIM "A"	DIM "B"
4	<u>.709</u> [18.00]	<u>.496</u> [12.60]
5	<u>.874</u> [22.20]	<u>.661</u> [16.80]
6	<u>1.039</u> [26.40]	<u>.827</u> [21.00]
7	<u>1.205</u> [30.60]	<u>.992</u> [25.20]
8	<u>1.370</u> [34.80]	<u>1.157</u> [29.40]
9	<u>1.535</u> [39.00]	<u>1.323</u> [33.60]
10	<u>1.701</u> [43.20]	<u>1.488</u> [37.80]
11	<u>1.866</u> [47.40]	<u>1.654</u> [42.00]
12	<u>2.031</u> [51.60]	<u>1.819</u> [46.20]

PEG DETAIL B
SEE NOTE 12

PEG DESIGN B
SEE NOTE 12

LEGEND:

44472 - ** **

CIRCUIT SIZE
(04-12 FOR SINGLE ROW)
(02-24 FOR DUAL ROW)

ASSEMBLY VERSION
(01 THRU 49 FOR SINGLE ROW)
(50 THRU 99 FOR DUAL ROW)

SEE SHT. 2 FOR DUAL ROW

* THE CHART FOR SINGLE ROW PRODUCT IS ON PAGE 6.

NOTES:

1. MATERIALS:
HOUSING:
"1"=NYLON 6/6, UL94 V-2, COLOR: NATURAL
"2"=NYLON 6/6, UL94 V-0, COLOR: NATURAL
"3"=NYLON 6/6, UL94 V-2, COLOR: BLACK
TERMINALS:
COPPER ALLOY

2. TERMINAL PLATING:
"1"=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL
"2"=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-44476-001

4. PACKAGING: SEE CHARTS

5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.

6. PART IS NOT DESIGNED FOR CURRENT SHARING.

7. PARTS ARE NOT TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.

8 44472-2470 ONLY FOR WIDER LOCKING RAMP.

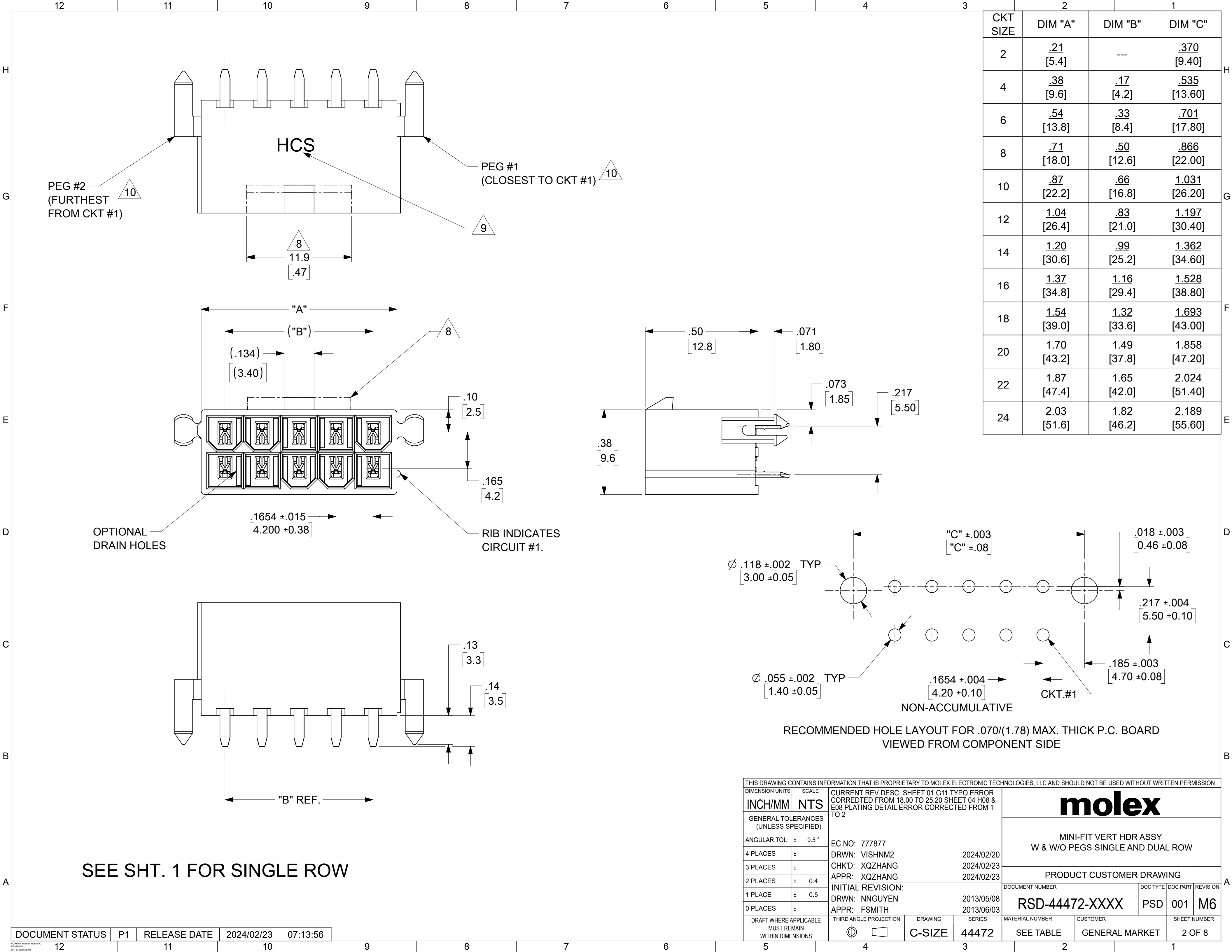
9 PARTS WILL HAVE "HCS" MARKING.

10 SEE CHART FOR PARTS WITH PEGS REMOVED.

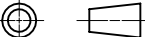
11. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

12. 5 CIRCUIT PARTS HAVE PEG DESIGN B. ALL OTHER CIRCUIT SIZES HAVE PEG DESIGN A.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
DIMENSION UNITS INCH/MM	SCALE NTS	CURRENT REV DESC: SHEET 01 G11 TYPO ERROR CORRECTED FROM 18.00 TO 25.20 SHEET 04 H08 & E08 PLATING DETAIL ERROR CORRECTED FROM 1 TO 2	molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 777877	MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW			
ANGULAR TOL	± 0.5°	DRWN: VISHNM2 2024/02/20	PRODUCT CUSTOMER DRAWING			
4 PLACES	±	CHK'D: XQZHANG 2024/02/23	DOCUMENT NUMBER			
3 PLACES	±	APPR: XQZHANG 2024/02/23	RSD-44472-XXXX			
2 PLACES	± 0.4	INITIAL REVISION:	DOC TYPE	DOC PART	REVISION	
1 PLACE	± 0.5	DRWN: NNGUYEN 2013/05/08	PSD	001	M6	
0 PLACES	±	APPR: FSMITH 2013/06/03				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER	
		C-SIZE	44472	MATERIAL NUMBER	SEE TABLE	
				CUSTOMER	GENERAL MARKET	
				1 OF 8		



CKT SIZE	DIM "A"	DIM "B"	DIM "C"
2	<u>.21</u> [5.4]	---	<u>.370</u> [9.40]
4	<u>.38</u> [9.6]	<u>.17</u> [4.2]	<u>.535</u> [13.60]
6	<u>.54</u> [13.8]	<u>.33</u> [8.4]	<u>.701</u> [17.80]
8	<u>.71</u> [18.0]	<u>.50</u> [12.6]	<u>.866</u> [22.00]
10	<u>.87</u> [22.2]	<u>.66</u> [16.8]	<u>1.031</u> [26.20]
12	<u>1.04</u> [26.4]	<u>.83</u> [21.0]	<u>1.197</u> [30.40]
14	<u>1.20</u> [30.6]	<u>.99</u> [25.2]	<u>1.362</u> [34.60]
16	<u>1.37</u> [34.8]	<u>1.16</u> [29.4]	<u>1.528</u> [38.80]
18	<u>1.54</u> [39.0]	<u>1.32</u> [33.6]	<u>1.693</u> [43.00]
20	<u>1.70</u> [43.2]	<u>1.49</u> [37.8]	<u>1.858</u> [47.20]
22	<u>1.87</u> [47.4]	<u>1.65</u> [42.0]	<u>2.024</u> [51.40]
24	<u>2.03</u> [51.6]	<u>1.82</u> [46.2]	<u>2.189</u> [55.60]

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: SHEET 01 G11 TYPO ERROR CORRECTED FROM 18.00 TO 25.20 SHEET 04 H08 & E08 PLATING DETAIL ERROR CORRECTED FROM 1 TO 2							
INCH/MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex							
ANGULAR TOL ± 0.5 °											
4 PLACES		±		MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
3 PLACES		±									
2 PLACES		± 0.4		PRODUCT CUSTOMER DRAWING							
1 PLACE		± 0.5									
0 PLACES		±		DOCUMENT NUMBER RSD-44472-XXXX							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		C-SIZE		44472		SEE TABLE		GENERAL MARKET		2 OF 8	

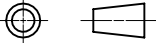
	12		11		10		9		8		7		6		5		4		3		2		1
DUAL ROW PART NUMBERS WITH MATTE TIN PLATING																							
WITH PEGS																							
PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)							
DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITH DRAIN HOLES				DRAINS:	WITH DRAIN HOLES							
PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS				PEGS:	WITH PEGS							
MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]							
PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001							
	ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS				
	44472-0250			2		44472-0251			2					2		44472-0453			2				
	44472-0450			4		44472-0451			4		44472-0452			4		44472-0453			4				
	44472-0650			6		44472-0651			6		44472-0652			6		44472-0653			6				
	44472-0850			8		44472-0851			8		44472-0852			8		44472-0853			8				
	44472-1050			10		44472-1051			10		44472-1052			10		44472-1053			10				
	44472-1250			12		44472-1251			12		44472-1252			12		44472-1253			12				
	44472-1450			14		44472-1451			14		44472-1452			14		44472-1453			14				
	44472-1650			16		44472-1651			16		44472-1652			16		44472-1653			16				
	44472-1850			18		44472-1851			18		44472-1852			18		44472-1853			18				
	44472-2050			20		44472-2051			20		44472-2052			20		44472-2053			20				
	44472-2250			22		44472-2251			22		44472-2252			22		44472-2253			22				
	44472-2450			24		44472-2451			24		44472-2452			24		44472-2453			24				
WITHOUT PEGS																							
PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)							
DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITH DRAIN HOLES				DRAINS:	WITH DRAIN HOLES							
PEGS:	WITHOUT PEGS				PEGS:	WITHOUT PEGS				PEGS:	WITHOUT PEGS				PEGS:	WITHOUT PEGS							
MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-0 [NATURAL]							
PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001							
	ITEM NO.		HOUSING NO.	CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS				
	44472-0254			2		44472-0255			2		44472-0256			2		44472-0257			2				
	44472-0454			4		44472-0455			4		44472-0456			4		44472-0457			4				
	44472-0654			6		44472-0655			6		44472-0656			6		44472-0657			6				
	44472-0854			8		44472-0855			8		44472-0856			8		44472-0857			8				
	44472-1054			10		44472-1055			10		44472-1056			10		44472-1057			10				
	44472-1254			12		44472-1255			12		44472-1256			12		44472-1257			12				
	44472-1454			14		44472-1455			14		44472-1456			14		44472-1457			14				
	44472-1654			16		44472-1655			16		44472-1656			16		44472-1657			16				
	44472-1854			18		44472-1855			18		44472-1856			18		44472-1857			18				
	44472-2054			20		44472-2055			20		44472-2056			20		44472-2057			20				
	44472-2254			22		44472-2255			22		44472-2256			22		44472-2257			22				
	44472-2454			24		44472-2455			24		44472-2456			24		44472-2457			24				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS INCH/MM SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.5° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.4 1 PLACE ± 0.5 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING C-SIZE SERIES 44472 CURRENT REV DESC: SHEET 01 G11 TYPO ERROR CORRECTED FROM 18.00 TO 25.20 SHEET 04 H08 & E08 PLATING DETAIL ERROR CORRECTED FROM 1 TO 2 EC NO: 777877 DRWN: VISHNM2 2024/02/20 CHK'D: XQZHANG 2024/02/23 APPR: XQZHANG 2024/02/23 INITIAL REVISION: DRWN: NNGUYEN 2013/05/08 APPR: FSMITH 2013/06/03 molex MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER RSD-44472-XXXX DOC TYPE PSD DOC PART 001 REVISION M6 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 8																							
DOCUMENT STATUS	P1	RELEASE DATE	2024/02/23	07:13:56																			
12		11		10		9		8		7		6		5		4		3		2		1	

DUAL ROW PART NUMBERS WITH WIDE LATCH OPTION

WITH PEGS			
PLATING:	1 (SEE NOTE 2)		
DRAINS:	WITH DRAIN HOLES		
PEGS:	WITH PEGS		
MAT'L:	94V-2 [NATURAL]		
PACKAGING:	PK-5566-001		
	ITEM NO.		CKTS
			2
X	44472-0470		4
X	44472-0670		6
X	44472-0870		8
X	44472-1070		10
X	44472-1270		12
X	44472-1470		14
X	44472-1670		16
X	44472-1870		18
X	44472-2070		20
X	44472-2270		22
	44472-2470		24

-ITEMS PRECEDED BY AN "X" ARE NOT AVAILABLE.

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DIMENSION UNITS	SCALE	molex MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW			
INCH/MM	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)		CURRENT REV DESC: SHEET 01 G11 TYPO ERROR CORRECTED FROM 18.00 TO 25.20 SHEET 04 H08 & E08 PLATING DETAIL ERROR CORRECTED FROM 1 TO 2		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 0.5 °			DOCUMENT NUMBER	
4 PLACES	±			RSD-44472-XXXX	
3 PLACES	±			DOC TYPE	DOC PART
2 PLACES	± 0.4	EC NO: 777877	2024/02/20	REVISION	
1 PLACE	± 0.5	DRWN: VISHNM2	2024/02/23	M6	
0 PLACES	±	CHK'D: XQZHANG	2024/02/23		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION:			
		DRWN: NNGUYEN			
		APPR: FSMITH			
		2013/05/08	2013/06/03		
		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
			C-SIZE	44472	5 OF 8

MATERIAL NUMBER	CUSTOMER	
SEE TABLE	GENERAL MARKET	

12

11

10

9

8

7

6

5

4

3

2

1

G

D

A

A

	12		11		10		9		8		7		6		5		4		3		2		1
DUAL ROW PART NUMBERS 1 PEG REMOVED																							
PLATING:	1 (SEE NOTE 2)				PLATING:	1 (SEE NOTE 2)				PLATING:					PLATING:								
DRAINS:	WITHOUT DRAIN HOLES				DRAINS:	WITH DRAIN HOLES				DRAINS:					DRAINS:								
PEGS:	PEG #1 REMOVED				PEGS:	PEG #1 REMOVED				PEGS:	PEG #1 REMOVED				PEGS:	PEG #1 REMOVED							
MAT'L:	94V-2 [NATURAL]				MAT'L:	94V-2 [NATURAL]				MAT'L:					MAT'L:								
PACKAGING:	PK-5566-001				PACKAGING:	PK-5566-001				PACKAGING:					PACKAGING:								
	ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS				
X	44472-0273			2	X	44472-0274			2					2					2				
X	44472-0473			4	X	44472-0474			4					4					4				
X	44472-0673			6	X	44472-0674			6					6					6				
X	44472-0873			8	X	44472-0874			8					8					8				
X	44472-1073			10	X	44472-1074			10					10					10				
X	44472-1273			12	X	44472-1274			12					12					12				
X	44472-1473			14	X	44472-1474			14					14					14				
X	44472-1673			16	X	44472-1674			16					16					16				
X	44472-1873			18	X	44472-1874			18					18					18				
	44472-2073			20		44472-2074			20					20					20				
X	44472-2273			22	X	44472-2274			22					22					22				
X	44472-2473			24	X	44472-2474			24					24					24				
</																							

DUAL ROW PART NUMBERS WITH MATTE TIN PLATING
(DO NOT USE FOR NEW APPLICATION)

WITH PEGS				
PLATING:	1 (SEE NOTE 2)			
DRAINS:	WITH DRAIN HOLES			
PEGS:	WITH PEGS			
MAT'L:	94V-0 [NATURAL]			
PACKAGING:				
	ITEM NO.			CKTS
	44472-0283	O		2
	44472-0483	O		4
	44472-0683	O		6
	44472-0883	O		8
	44472-1083	O		10
	44472-1283	O		12
	44472-1483	O		14
	44472-1683	O		16
	44472-1883	O		18
	44472-2083			20
	44472-2283			22
	44472-2483	O		24

"O" OBSOLETE

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DIMENSION UNITS	SCALE	CURRENT REV DESC: SHEET 01 G11 TYPO ERROR CORRECTED FROM 18.00 TO 25.20 SHEET 04 H08 & E08 PLATING DETAIL ERROR CORRECTED FROM 1 TO 2			molex MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW										
INCH/MM	NTS														
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL	± 0.5 °														
4 PLACES	±	EC NO: 777877			PRODUCT CUSTOMER DRAWING										
3 PLACES	±	DRWN: VISHNM2 2024/02/20													
2 PLACES	± 0.4	CHK'D: XQZHANG 2024/02/23													
1 PLACE	± 0.5	APPR: XQZHANG 2024/02/23			INITIAL REVISION:										
0 PLACES	±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION							
			C-SIZE	44472	RSD-44472-XXXX	PSD	001	M6							
					MATERIAL NUMBER	CUSTOMER		SHEET NUMBER							
					SEE TABLE	GENERAL MARKET		8 OF 8							