

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

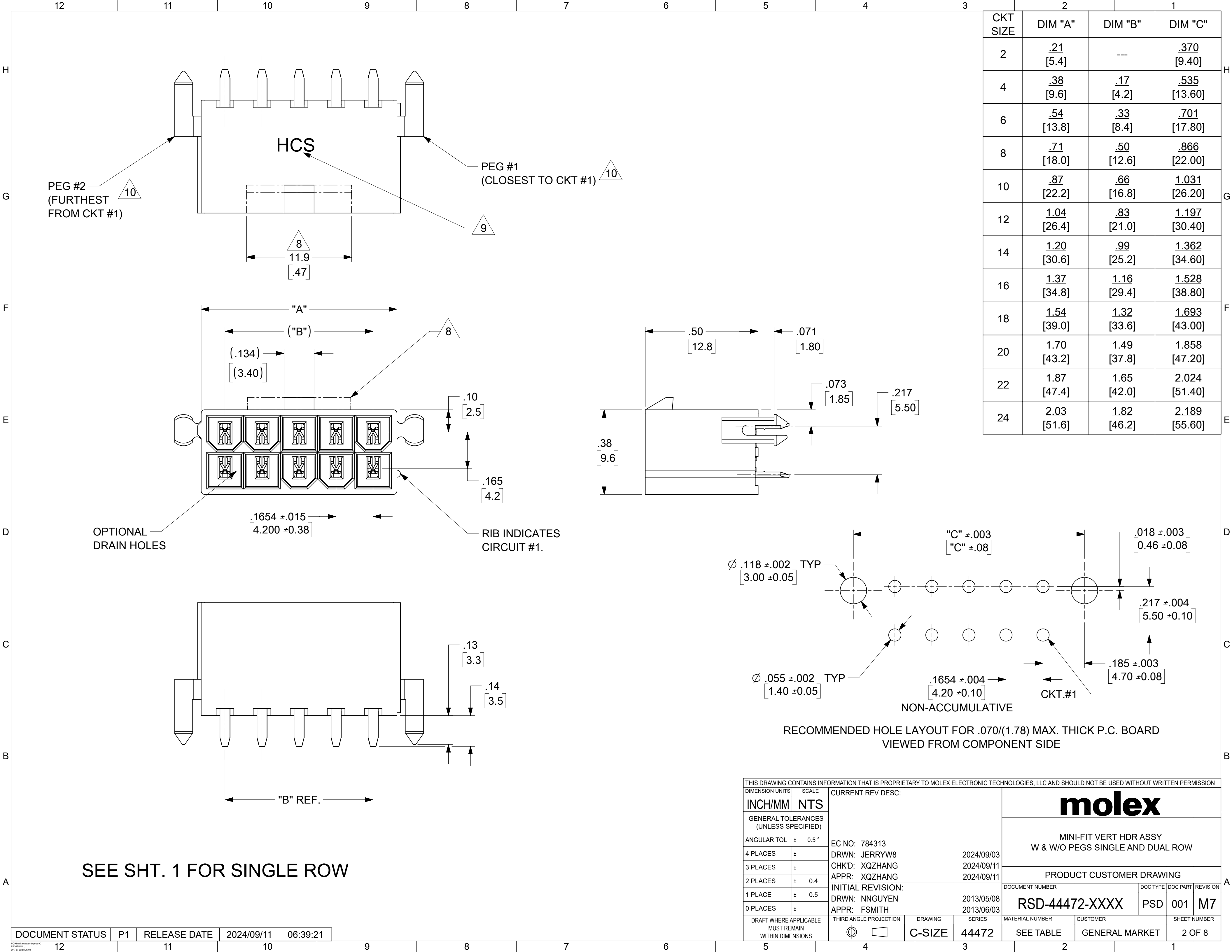
10. SEE CHART FOR PARTS WITH PEGS REMOVED.

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

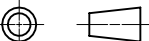
12. 5 CIRCUIT PARTS HAVE PEG DESIGN B. ALL OTHER CIRCUIT SIZES HAVE PEG DESIGN A.

RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE

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:				molex	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784313				MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW	
ANGULAR TOL ± 0.5°				DRWN: JERRYW8 2024/09/03					
4 PLACES ±				CHK'D: XQZHANG 2024/09/11					
3 PLACES ±				APPR: XQZHANG 2024/09/11				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.4				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.5				DRWN: NNGUYEN 2013/05/08				RSD-44472-XXXX	
0 PLACES ±				APPR: FSMITH 2013/06/03				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 44472		MATERIAL NUMBER SEE TABLE	
								CUSTOMER GENERAL MARKET	
								SHEET NUMBER 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:				molex							
INCH/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 784313 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH				MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
ANGULAR TOL ± 0.5 °								PRODUCT CUSTOMER DRAWING							
4 PLACES ±								DOCUMENT NUMBER				DOC TYPE		DOC PART	
3 PLACES ±								RSD-44472-XXXX				PSD		001	
2 PLACES ± 0.4				2013/05/08											
1 PLACE ± 0.5				2013/06/03											
0 PLACES ±															
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	

SEE SHT. 1 FOR SINGLE ROW

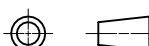
DOCUMENT STATUS	P1	RELEASE DATE	2024/09/11	06:39:21
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	12		11		10		9		8		7		6		5		4		3		2		1
DUAL ROW PART NUMBERS WITH MATTE TIN PLATING																							
WITH PEGS																							
PLATING:		1 (SEE NOTE 2)				PLATING:		1 (SEE NOTE 2)				PLATING:		1 (SEE NOTE 2)				PLATING:		1 (SEE NOTE 2)			
DRAINS:		WITHOUT DRAIN HOLES				DRAINS:		WITHOUT DRAIN HOLES				DRAINS:		WITHOUT DRAIN HOLES				DRAINS:		WITHOUT 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:		WITHOUT DRAIN HOLES				DRAINS:		WITHOUT 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	
-ITEMS PRECEDED BY AN "X" ARE NOT AVAILABLE.																							
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: EC NO: 784313 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG 2024/09/03 2024/09/11 2024/09/11 INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH 2013/05/08 2013/06/03 DOCUMENT NUMBER RSD-44472-XXXX DOC TYPE PSD DOC PART 001 REVISION M7 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 3 OF 8																							

DUAL ROW PART NUMBERS WITH WIDE LATCH OPTION

WITH PEGS			
PLATING:	1 (SEE NOTE 2)		
DRAINS:	WITHOUT 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		CURRENT REV DESC:				molex							
INCH/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5 °						MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
4 PLACES		±													
3 PLACES		±		PRODUCT CUSTOMER DRAWING											
2 PLACES		± 0.4													
1 PLACE		± 0.5		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION					
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 44472		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 8	
				EC NO: 784313		DRWN: JERRYW8		2024/09/03		RSD-44472-XXXX PSD 001 M7					
				CHK'D: XQZHANG		2024/09/11									
				APPR: XQZHANG		2024/09/11									
				INITIAL REVISION:				DRWN: NNGUYEN		2013/05/08					
								APPR: FSMITH		2013/06/03					

SINGLE ROW PART NUMBERS WITH PEGS

MATTE TIN PLATING																			
PLATING:					PLATING:					PLATING:	1 (SEE NOTE 2)			PLATING:	1 (SEE NOTE 2)				
DRAINS:					DRAINS:					DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES				
PEGS:					PEGS:					PEGS:	WITH PEGS			PEGS:	WITH PEGS				
MAT'L:					MAT'L:					MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]				
PACKAGING:					PACKAGING:					PACKAGING:	PK-5566-002			PACKAGING:	PK-5566-002				
	ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS
											44472-0403			4	X	44472-0404			4
									X		44472-0503			5		44472-0504			5
									X		44472-0603			6	X	44472-0604			6
									X		44472-0703			7	X	44472-0704			7
									X		44472-0803			8	X	44472-0804			8
									X		44472-0903			9	X	44472-0904			9
									X		44472-1003			10	X	44472-1004			10
									X		44472-1103			11	X	44472-1104			11
									X		44472-1203			12	X	44472-1204			12

GOLD PLATING																			
PLATING:					PLATING:					PLATING:	2 (SEE NOTE 2)			PLATING:	2 (SEE NOTE 2)				
DRAINS:					DRAINS:					DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES				
PEGS:					PEGS:					PEGS:	WITH PEGS			PEGS:	WITH PEGS				
MAT'L:					MAT'L:					MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]				
PACKAGING:					PACKAGING:					PACKAGING:	PK-5566-002			PACKAGING:	PK-5566-002				
	ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS		ITEM NO.			CKTS
										X	44472-0407			4	X	44472-0408			4
										X	44472-0507			5	X	44472-0508			5
										X	44472-0607			6	X	44472-0608			6
										X	44472-0707			7	X	44472-0708			7
										X	44472-0807			8	X	44472-0808			8
										X	44472-0907			9	X	44472-0908			9
										X	44472-1007			10	X	44472-1008			10
										X	44472-1107			11	X	44472-1108			11
										X	44472-1207			12	X	44472-1208			12

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

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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:

EC NO: 784313

DRWN: JERRYW8

CHK'D: XQZHANG

APPR: XQZHANG

2024/09/03

2024/09/11

2024/09/11

INITIAL REVISION:

DRWN: NNGUYEN

APPR: FSMITH

2013/05/08

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

M7

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

6 OF 8

DOCUMENT STATUS

P1

RELEASE DATE

2024/09/11 06:39:21

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

WITH PEGS				
PLATING:	1 (SEE NOTE 2)			
DRAINS:	WITHOUT 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:		molex							
INCH/MM	NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL	± 0.5 °			MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
4 PLACES	±	EC NO: 784313		PRODUCT CUSTOMER DRAWING							
3 PLACES	±	DRWN: JERRYW8									
2 PLACES	±	CHK'D: XQZHANG									
1 PLACE	± 0.4	APPR: XQZHANG		DOCUMENT NUMBER							
0 PLACES	± 0.5	INITIAL REVISION:									
		DRWN: NNGUYEN									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
			C-SIZE	44472	SEE TABLE	GENERAL MARKET	8 OF 8				

2024/09/11

06:39:21

12

11

10

9

8

7

6

5

4

3

2

1

A