

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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS	SCALE
INCH/MM	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	

CURRENT REV DESC:

EC NO: 784313
DRWN: JERRYW8
CHK'D: XQZHANG
APPR: XQZHANG

INITIAL REVISION:
DRWN: NNGUYEN
APPR: FSMITH

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

44472

DOCUMENT NUMBER

RSD-44472-XXXX

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 8

DOC TYPE

PSD

DOC PART

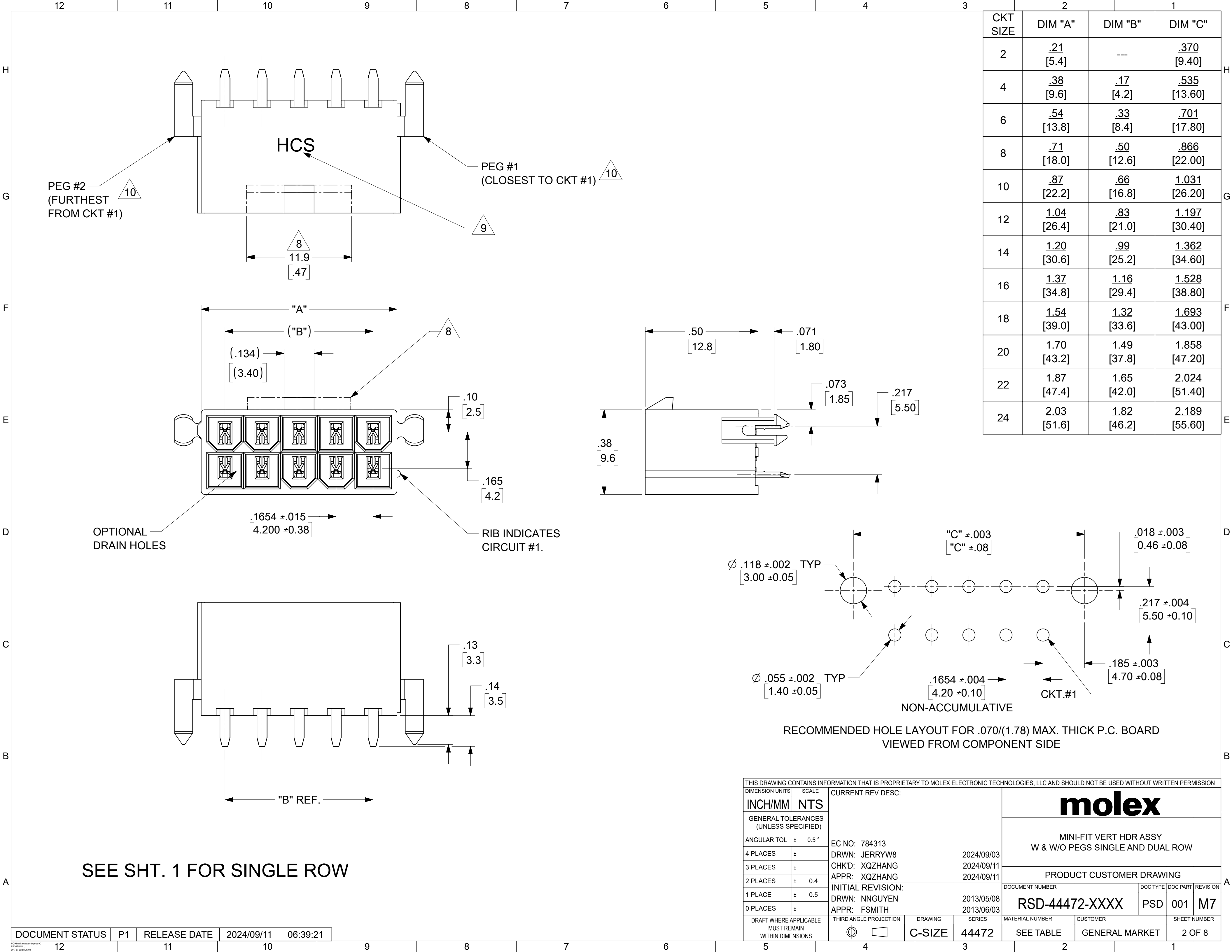
001

REVISION

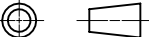
M7

MINI-FIT VERT HDR ASSY
W & W/O PEGS SINGLE AND DUAL ROW

PRODUCT CUSTOMER DRAWING



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: EC NO: 784313 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG 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									
INCH/MM		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 0.5 °								PRODUCT CUSTOMER DRAWING									
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.4						DOCUMENT NUMBER RSD-44472-XXXX				DOC TYPE PSD		DOC PART 001		REVISION M7	
1 PLACE		± 0.5															
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			

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)		
DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES			DRAINS:	WITHOUT DRAIN HOLES		
PEGS:	WITH PEGS			PEGS:	WITH PEGS			PEGS:	WITH PEGS		
MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]			MAT'L:	94V-2 [NATURAL]		
PACKAGING:	PK-5566-001			PACKAGING:	PK-5566-001			PACKAGING:	PK-5566-001		
	ITEM NO.		CKTS		ITEM NO.		CKTS		ITEM NO.		CKTS
	44472-0250		2		44472-0251		2				2
	44472-0450		4		44472-0451		4		44472-0452		4
	44472-0650		6		44472-0651		6		44472-0652		6
	44472-0850		8		44472-0851		8		44472-0852		8
	44472-1050		10		44472-1051		10		44472-1052		10
	44472-1250		12		44472-1251		12		44472-1252		12
	44472-1450		14		44472-1451		14		44472-1452		14
	44472-1650		16		44472-1651		16		44472-1652		16
	44472-1850		18		44472-1851		18		44472-1852		18
	44472-2050		20		44472-2051		20		44472-2052		20
	44472-2250		22		44472-2251		22		44472-2252		22
	44472-2450		24		44472-2451		24		44472-2452		24
WITHOUT PEGS											
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		
PEGS:	WITHOUT PEGS			PEGS:	WITHOUT PEGS			PEGS:	WITHOUT PEGS		
MAT'L:	94V-2 [NATURAL]			MAT'L:	94V-0 [NATURAL]			MAT'L:	94V-2 [NATURAL]		
PACKAGING:	PK-5566-001			PACKAGING:	PK-5566-001			PACKAGING:	PK-5566-001		
	ITEM NO.	HOUSING NO.	CKTS		ITEM NO.		CKTS		ITEM NO.		CKTS
	44472-0254		2		44472-0255		2		44472-0256		2
	44472-0454		4		44472-0455		4		44472-0456		4
	44472-0654		6		44472-0655		6		44472-0656		6
	44472-0854		8		44472-0855		8		44472-0856		8
	44472-1054		10		44472-1055		10		44472-1056		10
	44472-1254		12		44472-1255		12		44472-1256		12
	44472-1454		14		44472-1455		14		44472-1456		14
	44472-1654		16		44472-1655		16		44472-1656		16
	44472-1854		18		44472-1855		18		44472-1856		18
	44472-2054		20		44472-2055		20		44472-2056		20
	44472-2254		22		44472-2255		22		44472-2256		22
	44472-2454		24		44472-2455		24		44472-2456		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											
DOCUMENT STATUS	P1	RELEASE DATE	2024/09/11 06:39:21								

	12		11		10		9		8		7		6		5		4		3		2		1	
H	DUAL ROW PART NUMBERS WITH SELECT GOLD PLATING																							H
G																								G
F																								F
E																								E
D																								D
C																								C
B																								B
A																								A
DOCUMENT STATUS P1 RELEASE DATE 2024/09/11 06:39:21																								
	12		11		10		9		8		7		6		5		4		3		2		1	

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 2024/09/03 2024/09/11 2024/09/11										MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
ANGULAR TOL		± 0.5 °								PRODUCT CUSTOMER DRAWING											
4 PLACES		±								INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
3 PLACES		±								DRWN: NNGUYEN				RSD-44472-XXXX		PSD		001		M7	
2 PLACES		± 0.4								APPR: FSMITH				2013/05/08		MATERIAL NUMBER		CUSTOMER			
1 PLACE		± 0.5						2013/06/03		SEE TABLE		GENERAL MARKET									
0 PLACES		±										SHEET NUMBER									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES													
						C-SIZE		44472													

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:		WITHOUT 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	
X	44472-0273			2	X	44472-0274			2					2	
X	44472-0473			4	X	44472-0474			4					4	
X	44472-0673			6	X	44472-0674			6					6	
X	44472-0873			8	X	44472-0874			8					8	
X	44472-1073			10	X	44472-1074			10					10	
X	44472-1273			12	X	44472-1274			12					12	
X	44472-1473			14	X	44472-1474			14					14	
X	44472-1673			16	X	44472-1674			16					16	
X	44472-1873			18	X	44472-1874			18					18	
	44472-2073			20		44472-2074			20					20	
X	44472-2273			22	X	44472-2274			22					22	
X	44472-2473			24	X	44472-2474			24					24	

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

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 MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW							
INCH/MM	NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL	± 0.5 °			PRODUCT CUSTOMER DRAWING							
4 PLACES	±	EC NO: 784313		DOCUMENT NUMBER							
3 PLACES	±	DRWN: JERRYW8									
2 PLACES	±	CHK'D: XQZHANG									
1 PLACE	±	APPR: XQZHANG									
0 PLACES	±	INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER					
				C-SIZE		8 OF 8					

2024/09/11		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
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2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09/11		2024/09/11	
2024/09/08		2024/09/11		2024/09			