

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.

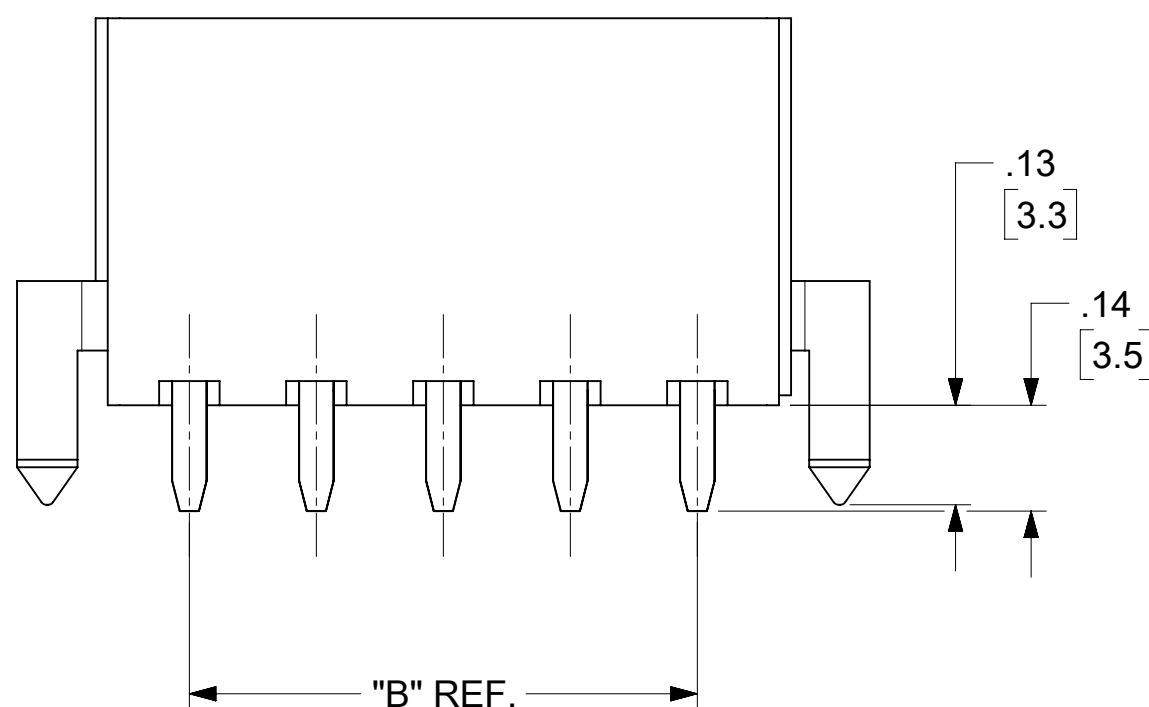
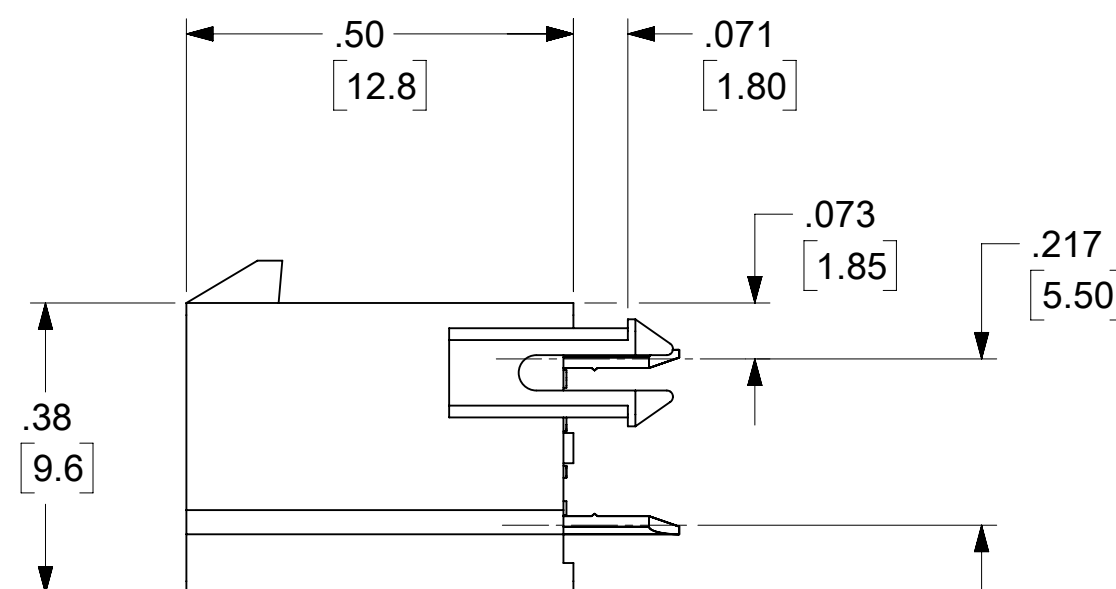
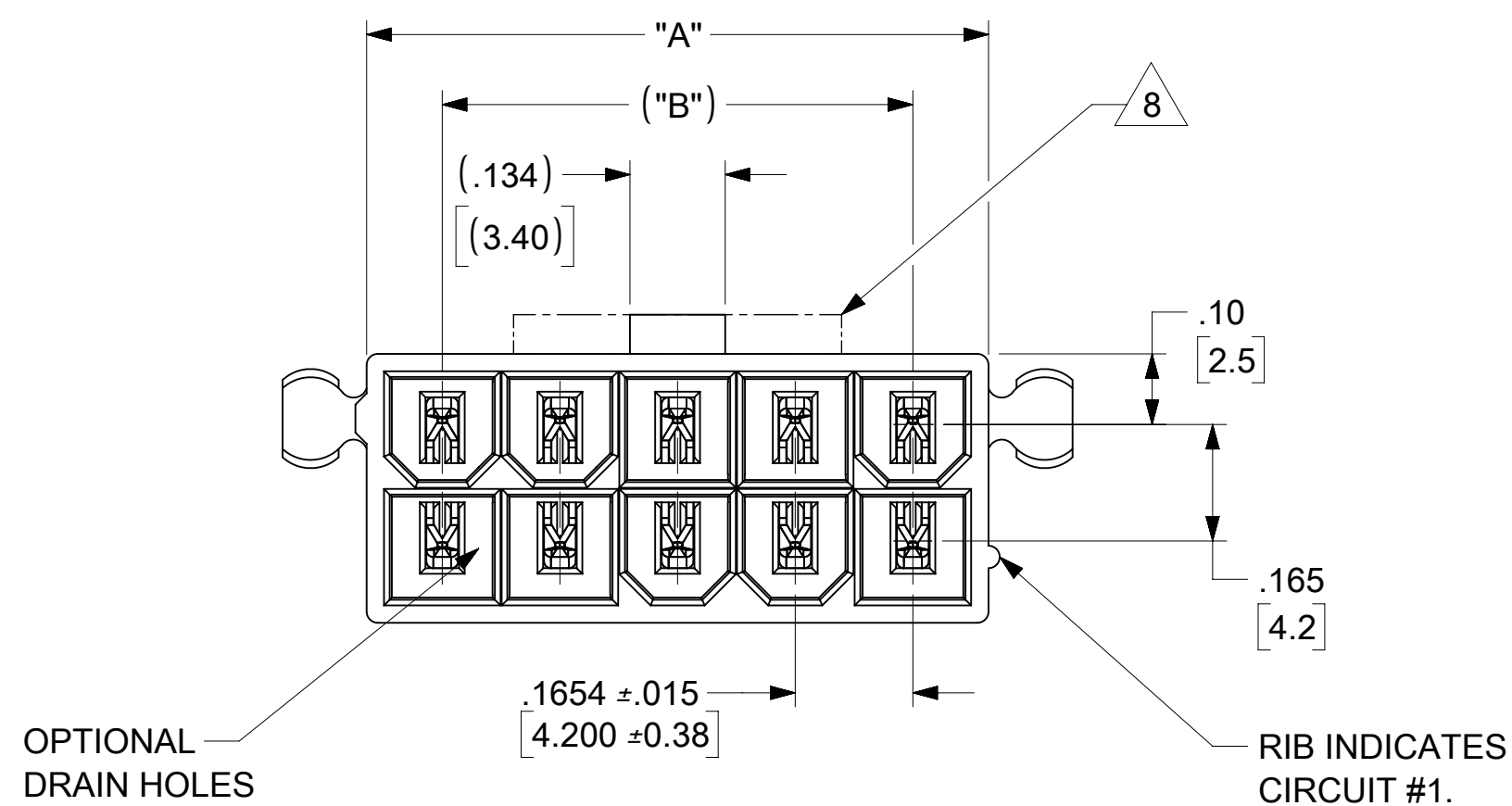
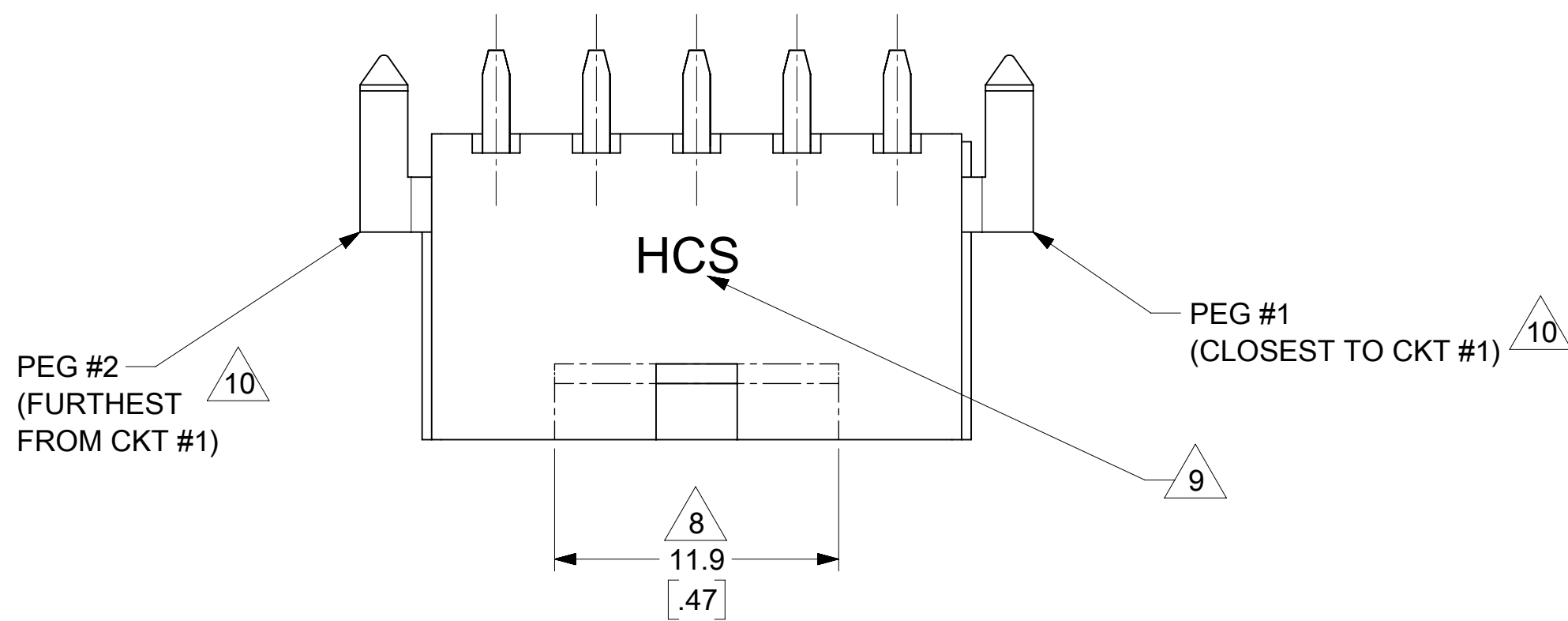
10. SEE CHART FOR PARTS WITH PEGS REMOVED.

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	



SEE SHT. 1 FOR SINGLE ROW

	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																							
DOCUMENT STATUS	P1	RELEASE DATE	2024/09/11	06:39:21																			
	12		11		10		9		8		7		6		5		4		3		2		1

DOCUMENT STATUS

P1

RELEASE DATE

2024/09/11 06:39:21

12

11

10

9

8

7

6

5

4

3

2

1

	12		11		10		9		8		7		6		5		4		3		2		1							
	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		ITEM NO.			CKTS					
												44472-0403			4	X	44472-0404					44472-0404			4					
											X	44472-0503			5		44472-0504					44472-0504			5					
											X	44472-0603			6	X	44472-0604					44472-0604			6					
											X	44472-0703			7	X	44472-0704					44472-0704			7					
											X	44472-0803			8	X	44472-0804					44472-0804			8					
											X	44472-0903			9	X	44472-0904					44472-0904			9					
											X	44472-1003			10	X	44472-1004					44472-1004			10					
											X	44472-1103			11	X	44472-1104					44472-1104			11					
											X	44472-1203			12	X	44472-1204					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		ITEM NO.			CKTS					
											X	44472-0407			4	X	44472-0408					44472-0408			4					
											X	44472-0507			5	X	44472-0508					44472-0508			5					
											X	44472-0607			6	X	44472-0608					44472-0608			6					
											X	44472-0707			7	X	44472-0708					44472-0708			7					
											X	44472-0807			8	X	44472-0808					44472-0808			8					
											X	44472-0907			9	X	44472-0908					44472-0908			9					
											X	44472-1007			10	X	44472-1008					44472-1008			10					
											X	44472-1107			11	X	44472-1108					44472-1108			11					
											X	44472-1207			12	X	44472-1208					44472-1208			12					
	-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		SCALE		CURRENT REV DESC:												molex MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW													
	INCH/MM		NTS		EC NO: 784313 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG																									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				2024/09/03 2024/09/11 2024/09/11												PRODUCT CUSTOMER DRAWING													
	ANGULAR TOL ± 0.5°				INITIAL REVISION:												DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION					
	4 PLACES ±				DRWN: NNGUYEN APPR: FSMITH												RSD-44472-XXXX				PSD		001		M7					
	3 PLACES ±				2013/05/08 2013/06/03												MATERIAL NUMBER				CUSTOMER				SHEET NUMBER					
	2 PLACES ± 0.4				THIRD ANGLE PROJECTION												C-SIZE				44472				SEE TABLE		GENERAL MARKET		6 OF 8	
	1 PLACE ± 0.5				DRAWING												SERIES													
	0 PLACES ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																									
	DOCUMENT STATUS		P1		RELEASE DATE		2024/09/11 06:39:21																							
	12		11		10		9		8		7		6		5		4		3		2		1							

	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		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:	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							
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	±	APPR: XQZHANG		DOCUMENT NUMBER							
0 PLACES	±	INITIAL REVISION:									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: NNGUYEN									
		APPR: FSMITH									
		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