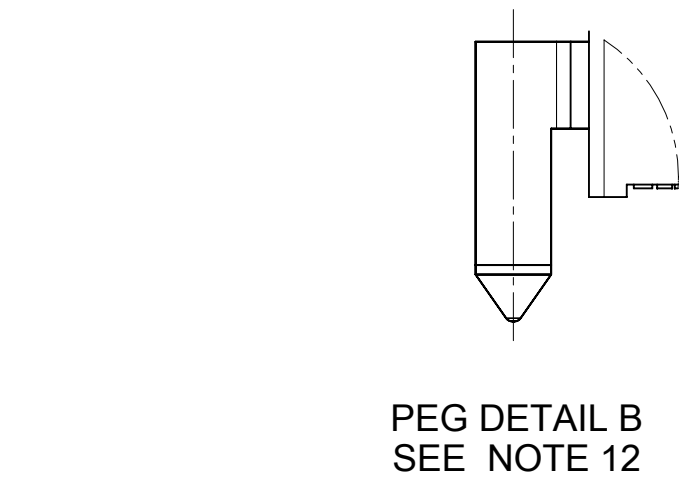
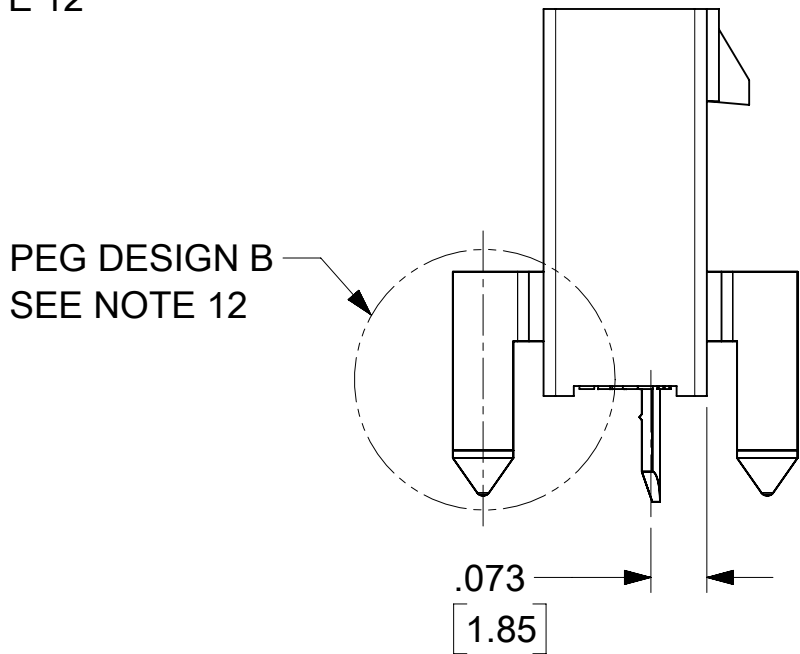


CKT SIZE	DIM "A"	DIM "B"
4	<u>.709</u> [18.00]	<u>.496</u> [12.60]
5	<u>.874</u> [22.20]	<u>.661</u> [16.80]
6	<u>1.039</u> [26.40]	<u>.827</u> [21.00]
7	<u>1.205</u> [30.60]	<u>.992</u> [25.20]
8	<u>1.370</u> [34.80]	<u>1.157</u> [29.40]
9	<u>1.535</u> [39.00]	<u>1.323</u> [33.60]
10	<u>1.701</u> [43.20]	<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:

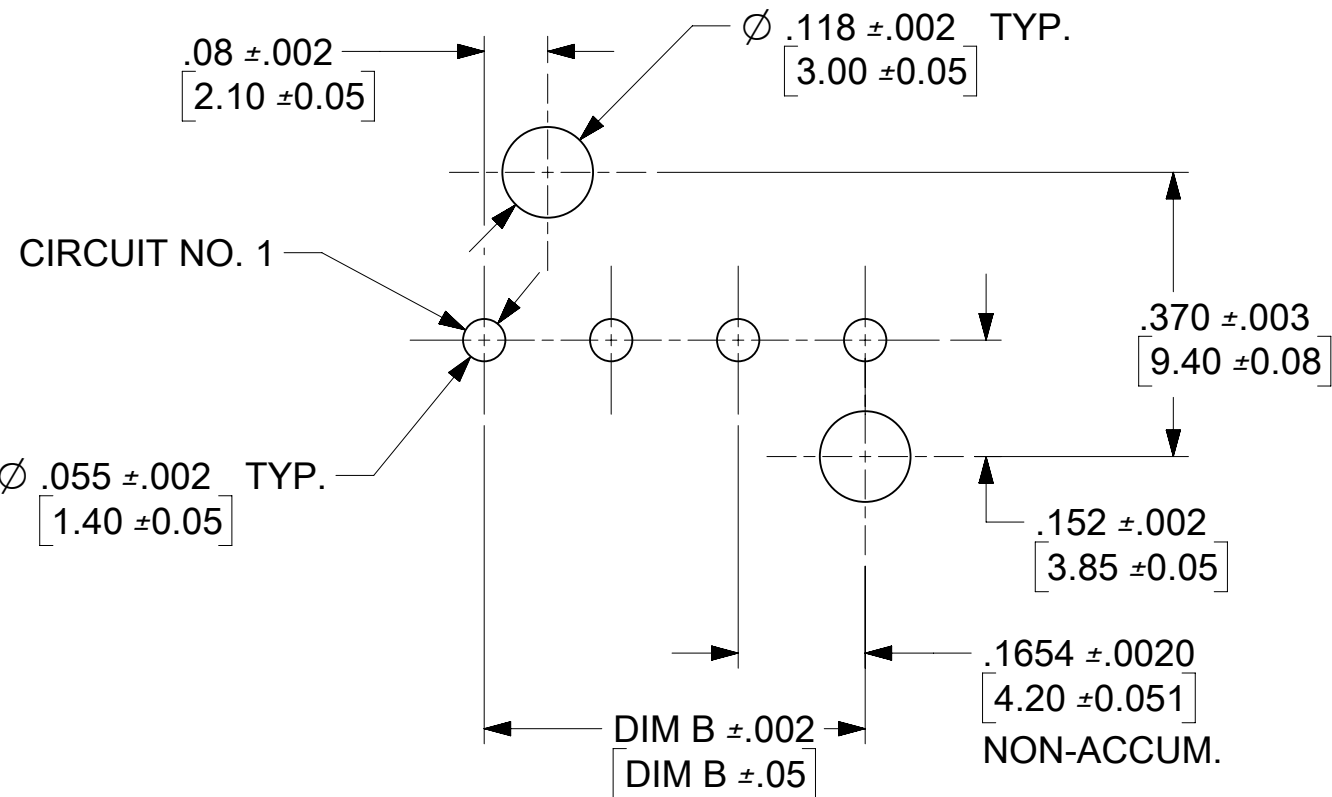
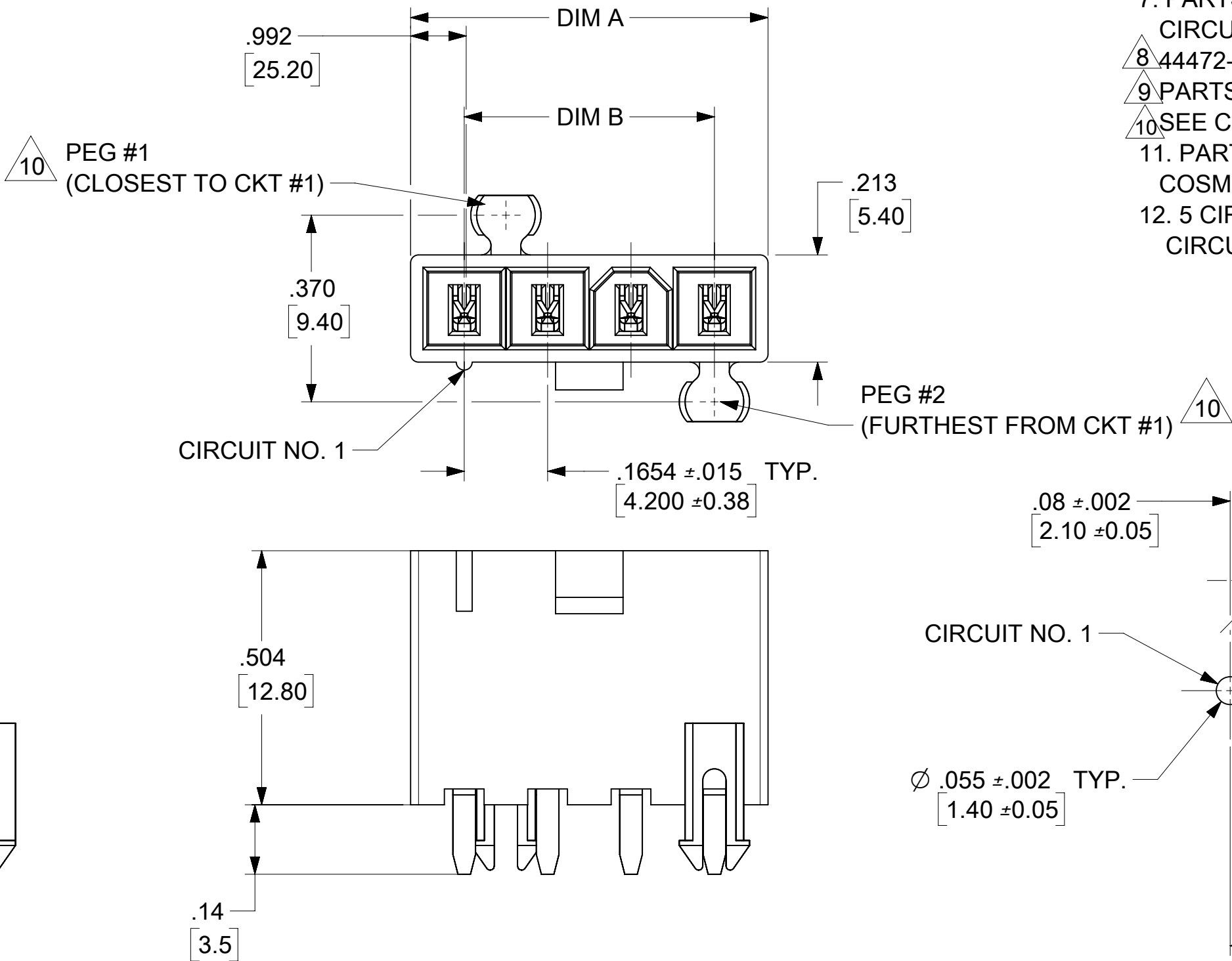
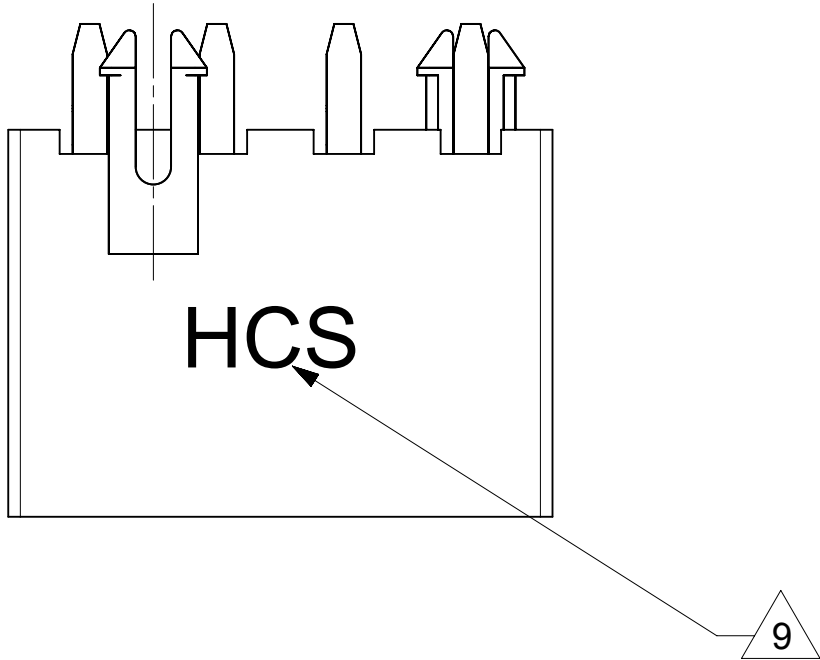
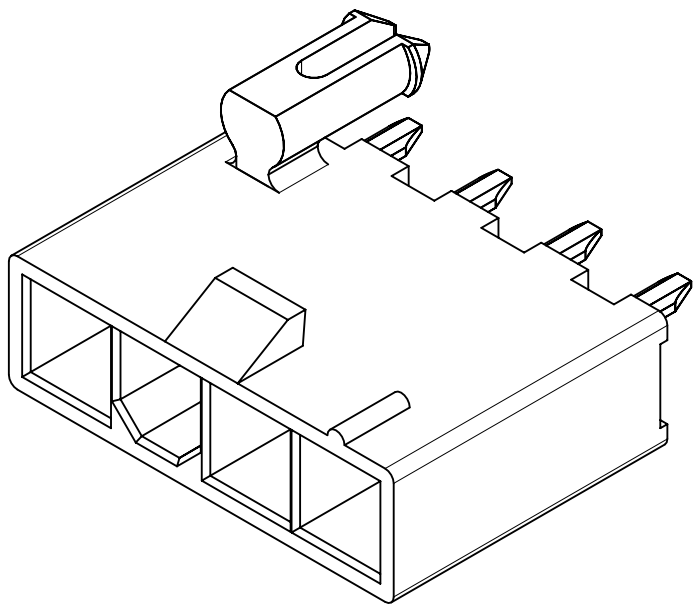
44472 - ** **

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

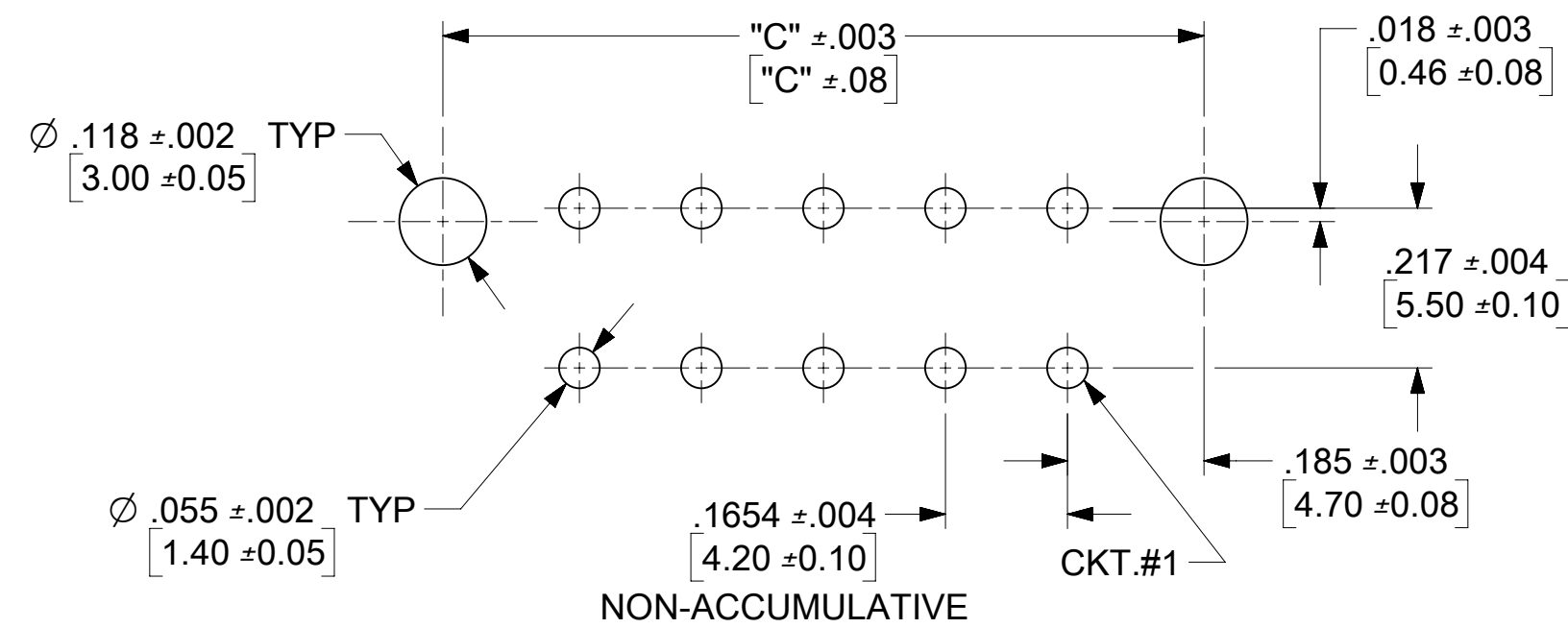
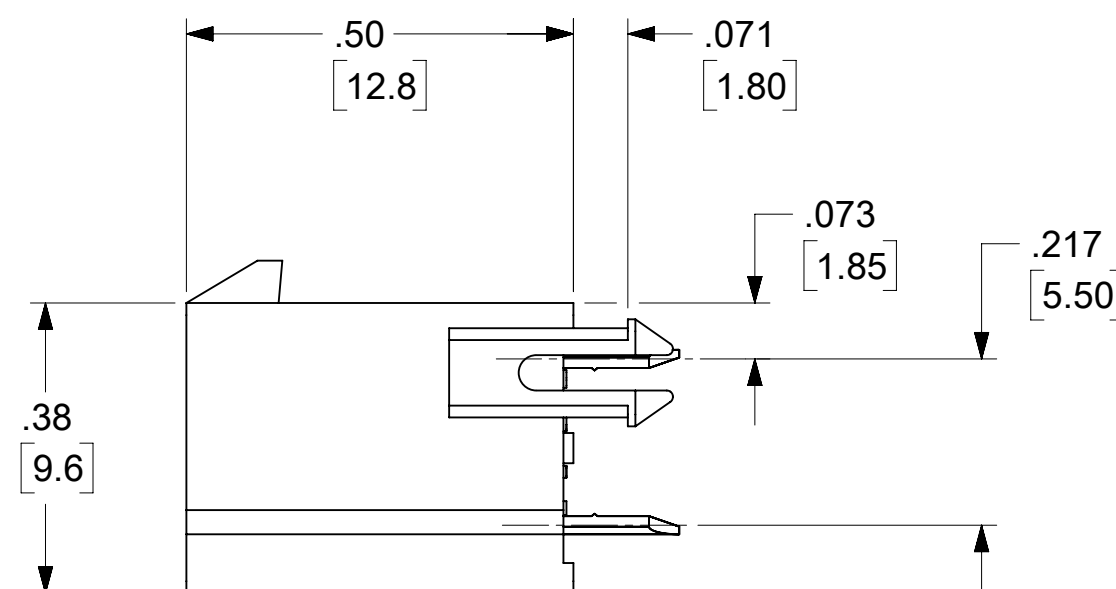
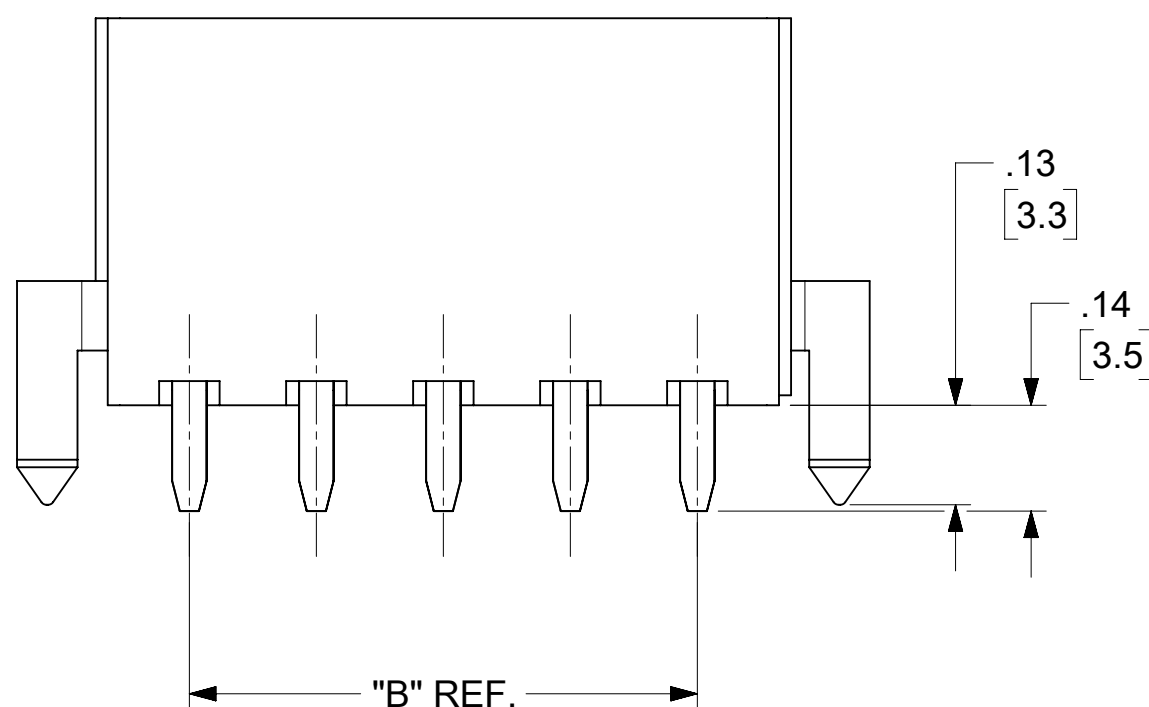
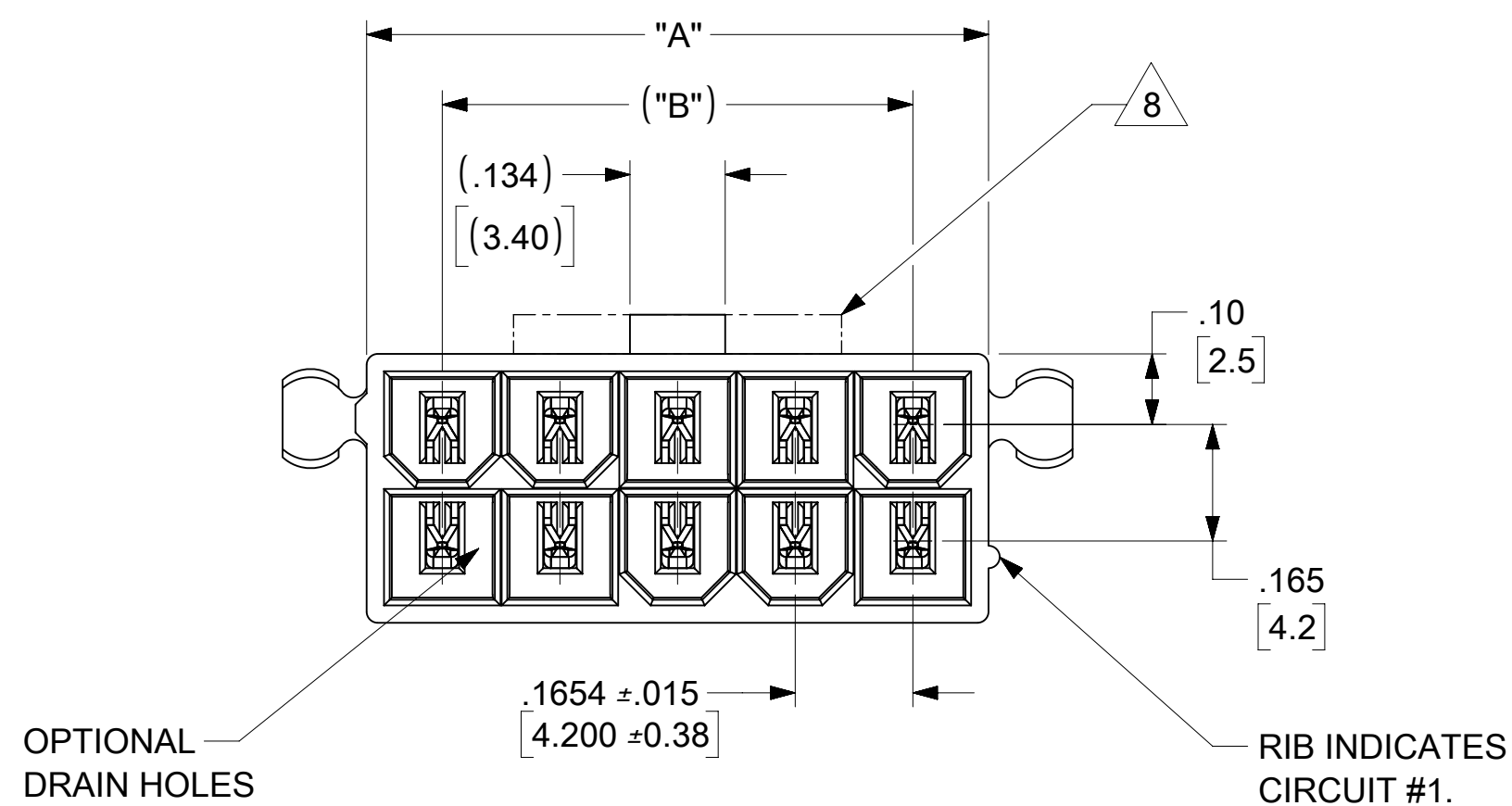
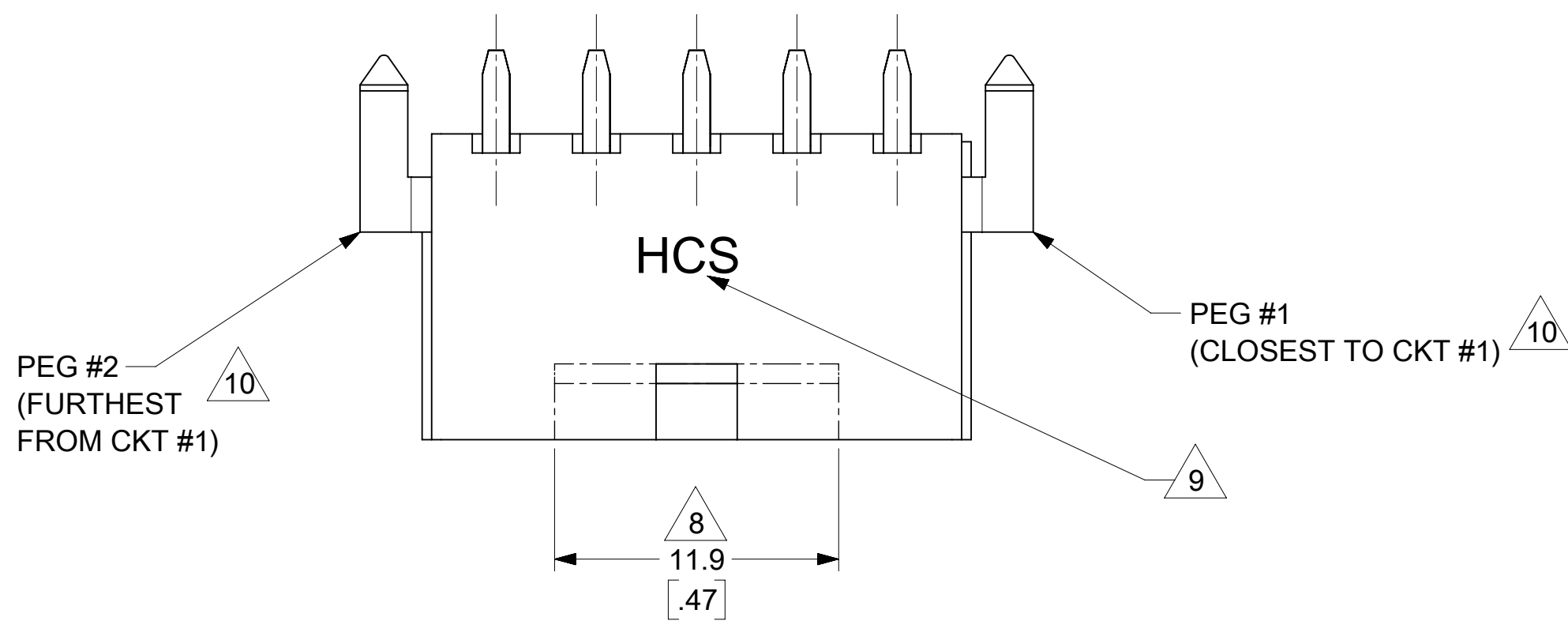
* THE CHART FOR SINGLE ROW PRODUCT IS ON PAGE 6.



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

- NOTES:
- 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
 - 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
 - PRODUCT SPECIFICATION: PS-44476-001
 - PACKAGING: SEE CHARTS
 - PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.
 - PART IS NOT DESIGNED FOR CURRENT SHARING.
 - PARTS ARE NOT TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.
 - 44472-2470 ONLY FOR WIDER LOCKING RAMP.
 - PARTS WILL HAVE "HCS" MARKING.
 - SEE CHART FOR PARTS WITH PEGS REMOVED.
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - 5 CIRCUIT PARTS HAVE PEG DESIGN B. ALL OTHER CIRCUIT SIZES HAVE PEG DESIGN A.

FUNCTIONAL SYMBOLS	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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558			molex												
	INCH/MM		NTS																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 818232 DRWN: VISHAH2 CHK'D: GGA APPR: GGA			2025/02/21 2025/04/22 2025/04/22									
ANGULAR TOL ± 0.5 °																				
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH			2025/05/08 2013/06/03												
	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		DOCUMENT NUMBER RSD-44472-XXXX		DOC TYPE PSD		DOC PART 001		REVISION M8	
DIVISIONAL SYMBOLS		MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW		PRODUCT CUSTOMER DRAWING			DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION							
DIVISIONAL SYMBOLS		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						



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

	2		1
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]

SEE SHT. 1 FOR SINGLE ROW

FUNCTIONAL SYMBOLS	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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558			molex		
F_A = 0	INCH/MM	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
F_C = 0	ANGULAR TOL ± 0.5°									
DIVISIONAL SYMBOLS	F_D = 0	4 PLACES	±	EC NO: 818232 DRWN: VISHAH22025/02/21			MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW			
	3 PLACES	±	CHK'D: GGA2025/04/22							
	2 PLACES	±				0.4	APPR: GGA2025/04/22			
	1 PLACE	±	0.5	INITIAL REVISION: DRWN: NNGUYEN2013/05/08 APPR: FSMITH2013/06/03						
	0 PLACES	±					DOCUMENT NUMBER RSD-44472-XXXX			DOC TYPE PSD
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING C-SIZE				SERIES 44472

	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		2025/04/22	05:23:44																			
	12		11		10		9		8		7		6		5		4		3		2		1		
FORMAT: master-B-0000-C REVISION: 01 DATE: 20160501																									

WITH PEGS									
PLATING:		2 (SEE NOTE 2)			PLATING:		2 (SEE NOTE 2)		
DRAINS:		WITHOUT DRAIN HOLES			DRAINS:		WITHOUT DRAIN HOLES		
PEGS:		WITH PEGS			PEGS:		WITH PEGS		
MAT'L:		94V-2 [NATURAL]			MAT'L:		94V-0 [NATURAL]		
PACKAGING:		PK-5566-001			PACKAGING:		PK-5566-001		
	ITEM NO.			CKTS		ITEM NO.			CKTS
X	44472-0260			2	X	44472-0261			2
X	44472-0460			4	X	44472-0461			4
X	44472-0660			6	X	44472-0661			6
X	44472-0860			8	X	44472-0861			8
X	44472-1060			10	X	44472-1061			10
X	44472-1260			12	X	44472-1261			12
X	44472-1460			14	X	44472-1461			14
X	44472-1660			16	X	44472-1661			16
X	44472-1860			18	X	44472-1861			18
X	44472-2060			20	X	44472-2061			20
X	44472-2260			22	X	44472-2261			22
X	44472-2460			24		44472-2461			24

WITHOUT PEGS									
PLATING:		2 (SEE NOTE 2)			PLATING:		2 (SEE NOTE 2)		
DRAINS:		WITHOUT DRAIN HOLES			DRAINS:		WITHOUT DRAIN HOLES		
PEGS:		WITHOUT PEGS			PEGS:		WITHOUT PEGS		
MAT'L:		94V-2 [NATURAL]			MAT'L:		94V-0 [NATURAL]		
PACKAGING:		PK-5566-001			PACKAGING:		PK-5566-001		
	ITEM NO.			CKTS		ITEM NO.			CKTS
X	44472-0264			2	X	44472-0265			2
X	44472-0464			4	X	44472-0465			4
X	44472-0664			6	X	44472-0665			6
X	44472-0864			8	X	44472-0865			8
X	44472-1064			10	X	44472-1065			10
X	44472-1264			12	X	44472-1265			12
X	44472-1464			14	X	44472-1465			14
X	44472-1664			16	X	44472-1665			16
X	44472-1864			18	X	44472-1865			18
X	44472-2064			20	X	44472-2065			20
X	44472-2264			22		44472-2265			22
X	44472-2464			24	X	44472-2465			24

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

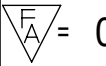
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
F/A= 0		DIMENSION UNITS	SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558					molex MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW PRODUCT CUSTOMER DRAWING												
F/C= 0		INCH/MM	NTS																			
F/P= 0																						
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 818232										DOCUMENT NUMBER RSD-44472-XXXX PSD001M8							
		ANGULAR TOL ± 0.5°			DRWN: VISHAH22025/02/21																	
		4 PLACES ±			CHK'D: GGA2025/04/22																	
		3 PLACES ±			APPR: GGA2025/04/22																	
		2 PLACES ± 0.4			INITIAL REVISION:																	
1 PLACE ± 0.5			DRWN: NNGUYEN2013/05/08					MATERIAL NUMBER SEE TABLE					CUSTOMER GENERAL MARKET					SHEET NUMBER 4 OF 8				
0 PLACES ±			APPR: FSMITH2013/06/03																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 44472															

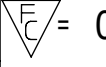
DUAL ROW PART NUMBERS WITH WIDE LATCH OPTION

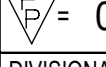
WITH PEGS			
PLATING:	1 (SEE NOTE 2)		
DRAINS:	WITHOUT DRAIN HOLES		
PEGS:	WITH PEGS		
MAT'L:	94V-2 [NATURAL]		
PACKAGING:	PK-5566-001		
	ITEM NO.		CKTS
			2
X	44472-0470		4
X	44472-0670		6
X	44472-0870		8
X	44472-1070		10
X	44472-1270		12
X	44472-1470		14
X	44472-1670		16
X	44472-1870		18
X	44472-2070		20
X	44472-2270		22
	44472-2470		24

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

FUNCTIONAL SYMBOLS

 = 0

 = 0

 = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS

INCH/MM

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

SCALE

NTS

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

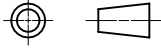
APPR: GGA

INITIAL REVISION:

DRWN: NNGUYEN

APPR: FSMITH

THIRD ANGLE PROJECTION



DRAWING

C-SIZE

SERIES

44472

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

M8

DOCUMENT STATUS

P1

RELEASE DATE

2025/04/22 05:23:44

12

11

10

9

8

7

6

5

4

3

2

1

GD

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	

PLATING:		1 (SEE NOTE 2)		PLATING:		1 (SEE NOTE 2)		PLATING:				PLATING:			
DRAINS:		WITHOUT DRAIN HOLES		DRAINS:		WITHOUT DRAIN HOLES		DRAINS:				DRAINS:			
PEGS:		PEG #2 REMOVED		PEGS:		PEG #2 REMOVED		PEGS:		PEG #2 REMOVED		PEGS:		PEG #2 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	44472-0277			2	X	44472-0278			2					2	
X	44472-0477			4	X	44472-0478			4					4	
X	44472-0677			6	X	44472-0678			6					6	
X	44472-0877			8	X	44472-0878			8					8	
X	44472-1077			10	X	44472-1078			10					10	
X	44472-1277			12	X	44472-1278			12					12	
X	44472-1477			14	X	44472-1478			14					14	
X	44472-1677			16	X	44472-1678			16					16	
X	44472-1877			18	X	44472-1878			18					18	
	44472-2077			20		44472-2078			20					20	
X	44472-2277			22	X	44472-2278			22					22	
X	44472-2477			24	X	44472-2478			24					24	

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

FUNCTIONAL SYMBOLS		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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558				molex									
		INCH/MM		NTS															
		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 818232 DRWN: VISHAH2 CHK'D: GGA APPR: GGA				2025/02/21 2025/04/22 2025/04/22									
DIVISIONAL SYMBOLS		ANGULAR TOL		± 0.5°															
		4 PLACES		±		INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH				2013/05/08 2013/06/03									
		3 PLACES		±															
		2 PLACES		± 0.4		THIRD ANGLE PROJECTION				DRAWING		SERIES							
		1 PLACE		± 0.5															
		0 PLACES		±				C-SIZE		44472		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
												SEE TABLE		GENERAL MARKET		7 OF 8			

DOCUMENT STATUS	P1	RELEASE DATE	2025/04/22	05:23:44							
12	11	10	9	8	7	6	5	4	3	2	1

FORMAT: mxdm-b3-prod-C
REVISION: 31
DATE: 2025/05/01

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
	---	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

FUNCTIONAL SYMBOLS

F

A

= 0

F

C

= 0

F

P

= 0

DIVISIONAL SYMBOLS

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

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558

EC NO: 818232

DRWN: VISHAH2

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: NNGUYEN

APPR: FSMITH

2025/02/21

2025/04/22

2025/04/22

2013/05/08

2013/06/03

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

44472

DOCUMENT NUMBER

RSD-44472-XXXX

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

8 OF 8

DOC TYPE

PSD

DOC PART

001

REVISION

M8

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2025/04/22

05:23:44

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FORMAT: master-B-9100-C
REVISION: 21
DATE: 2025/05/01