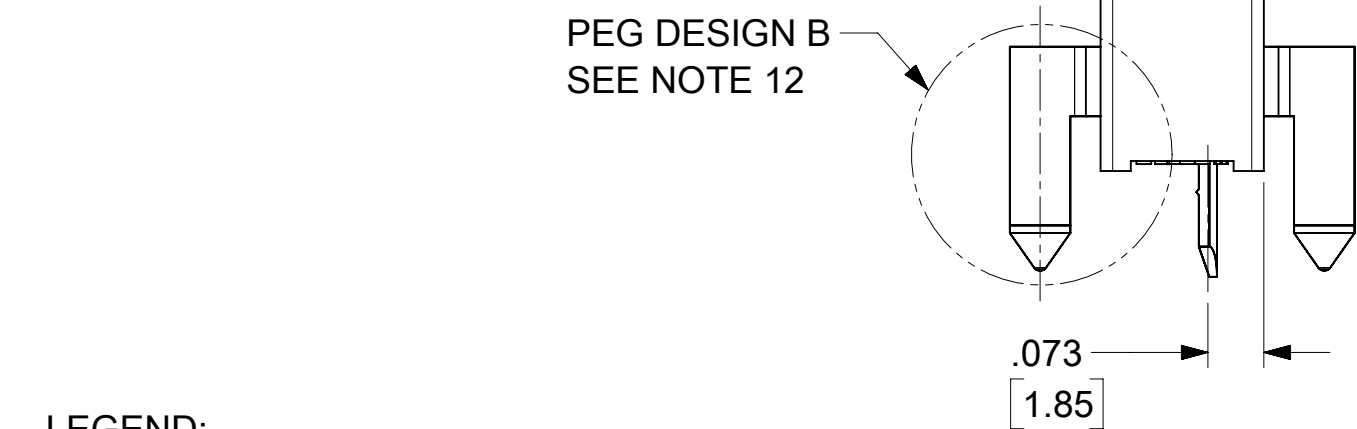
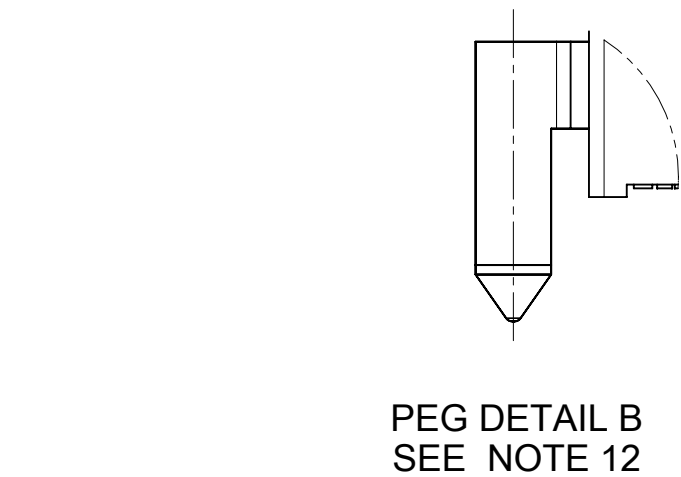


CKT SIZE	DIM "A"	DIM "B"
4	<u>.709</u> [18.00]	<u>.496</u> [12.60]
5	<u>.874</u> [22.20]	<u>.661</u> [16.80]
6	<u>1.039</u> [26.40]	<u>.827</u> [21.00]
7	<u>1.205</u> [30.60]	<u>.992</u> [25.20]
8	<u>1.370</u> [34.80]	<u>1.157</u> [29.40]
9	<u>1.535</u> [39.00]	<u>1.323</u> [33.60]
10	<u>1.701</u> [43.20]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



LEGEND:

44472 - ** **

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

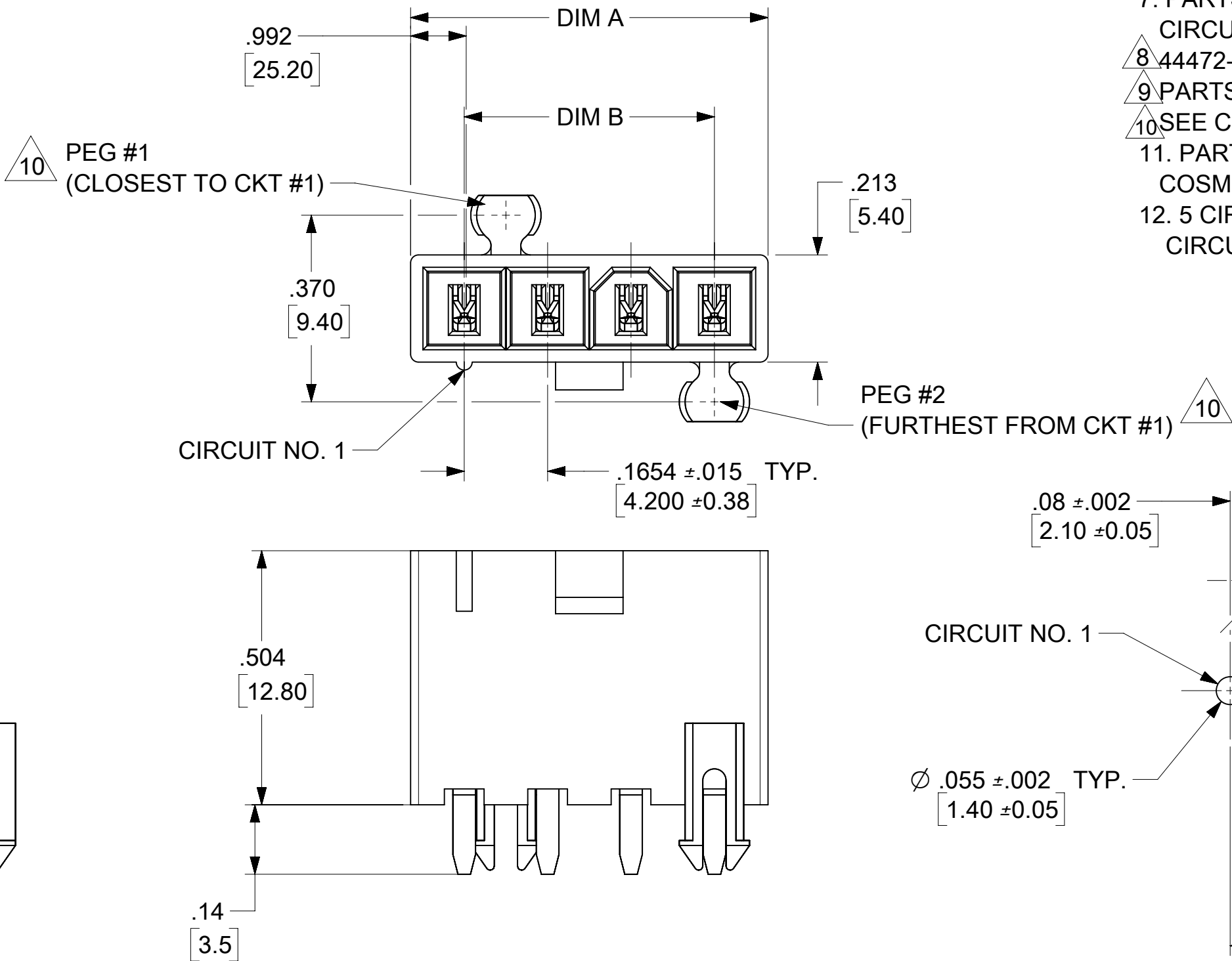
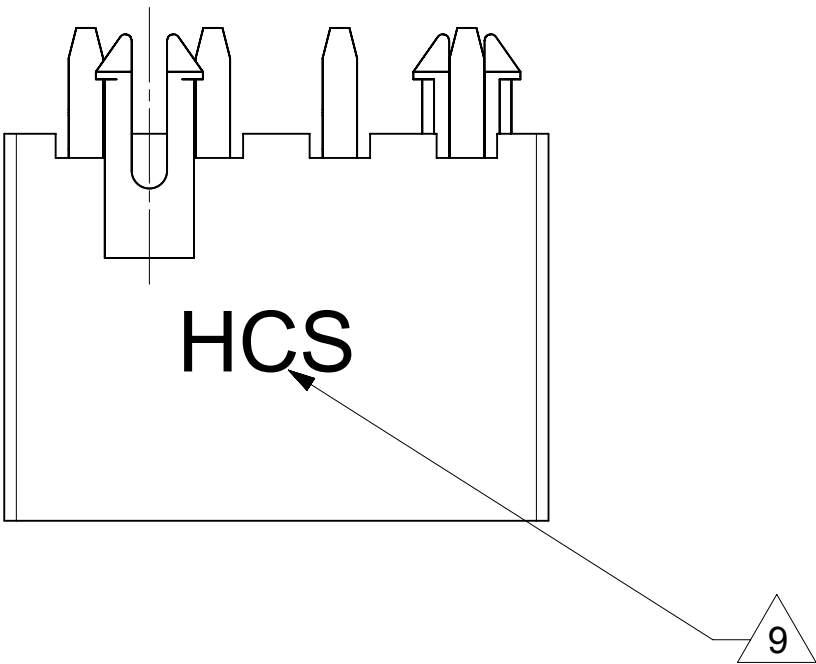
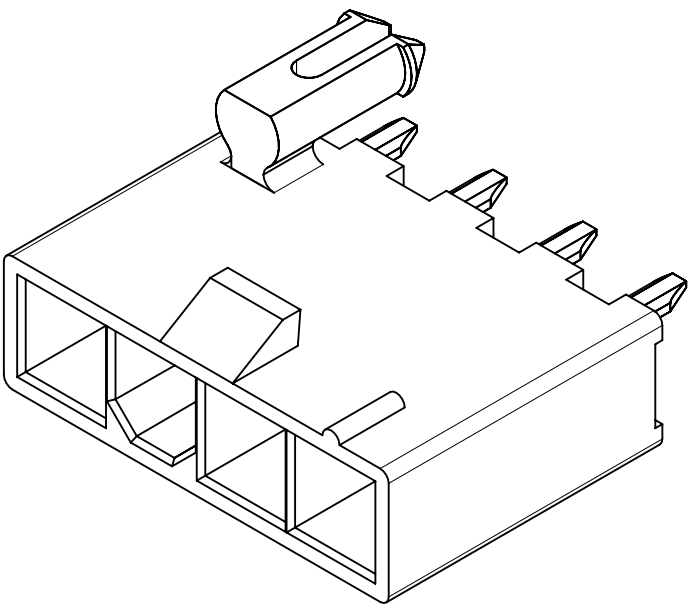
ASSEMBLY VERSION
(01 THRU 49 FOR SINGLE ROW)
(50 THRU 99 FOR DUAL ROW)

SEE SHT. 2 FOR DUAL ROW

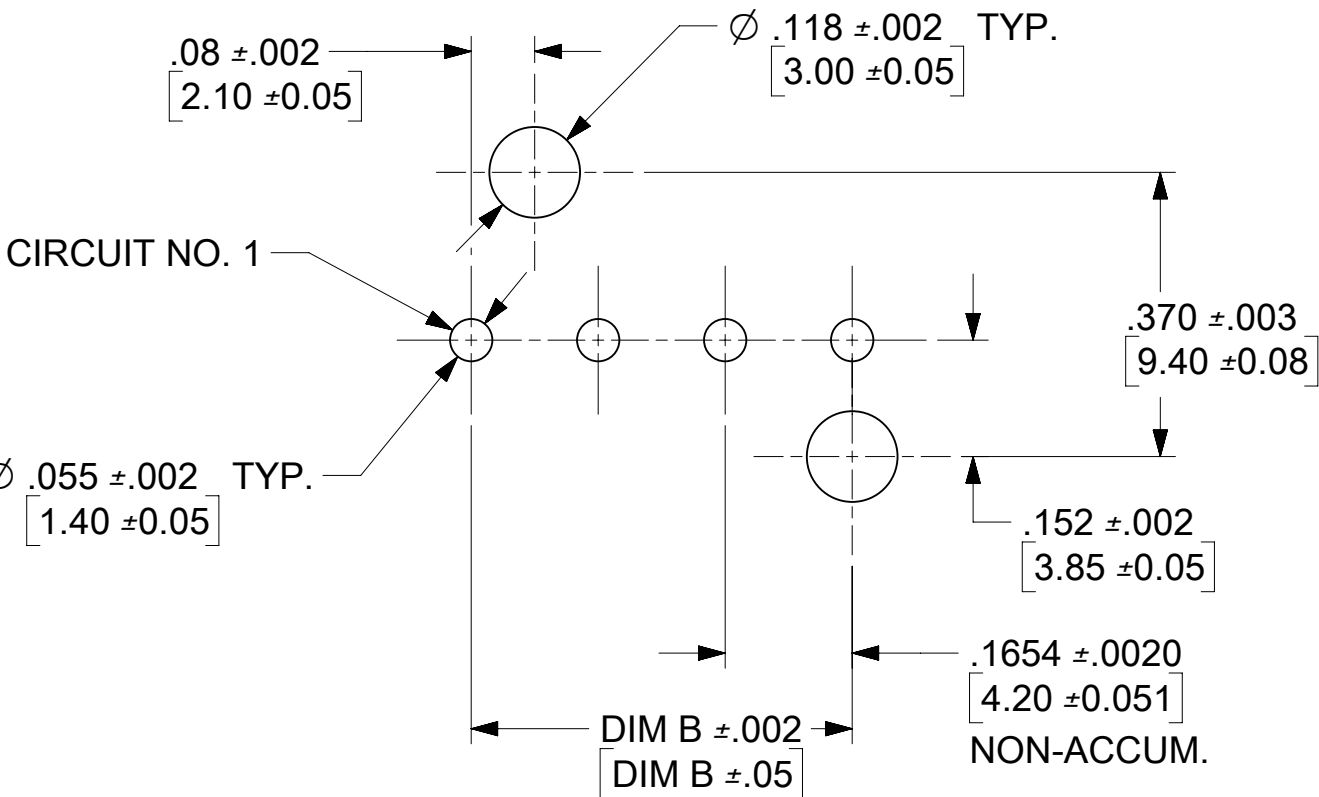
* THE CHART FOR SINGLE ROW PRODUCT IS ON PAGE 6.

DOCUMENT STATUS	P1	RELEASE DATE	2025/04/22	05:23:44
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FORMAT: moxter-b3-prod-c
REVISION: 01
DATE: 2025/05/01

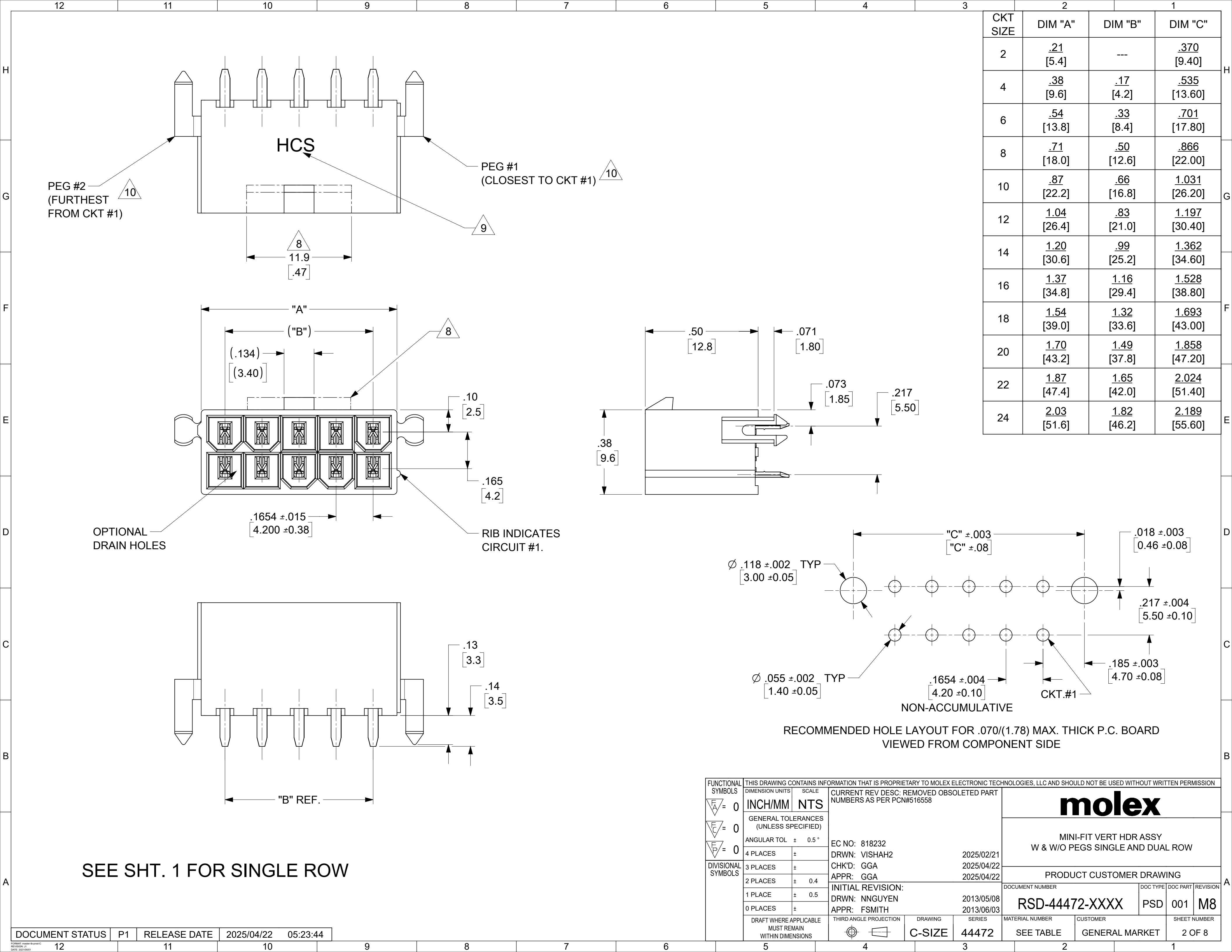


- NOTES:
- MATERIALS:
HOUSING:
"1"=NYLON 6/6, UL94 V-2, COLOR: NATURAL
"2"=NYLON 6/6, UL94 V-0, COLOR: NATURAL
"3"=NYLON 6/6, UL94 V-2, COLOR: BLACK
TERMINALS:
COPPER ALLOY
 - TERMINAL PLATING:
"1"=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL
"2"=.000030/(0.00076) MIN. SELECT GOLD 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.



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

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 F C = 0 F P = 0 DIVISIONAL SYMBOLS	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 INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH			2025/02/21 2025/04/22 2025/04/22				
	ANGULAR TOL ± 0.5 °											
	4 PLACES		±					PRODUCT CUSTOMER DRAWING				
	3 PLACES		±									
	2 PLACES		± 0.4									
	1 PLACE		± 0.5									
0 PLACES		±		DOCUMENT NUMBER			DOC TYPE		DOC PART	REVISION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	44472	SEE TABLE		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]

SEE SHT. 1 FOR SINGLE ROW

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558				molex									
	INCH/MM		NTS															
	GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI-FIT VERT HDR ASSY W & W/O PEGS SINGLE AND DUAL ROW									
	ANGULAR TOL ± 0.5°																	
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 818232				PRODUCT CUSTOMER DRAWING									
	3 PLACES		±		DRWN: VISHAH2 2025/02/21													
	2 PLACES		± 0.4		CHK'D: GGA 2025/04/22													
	1 PLACE		± 0.5		APPR: GGA 2025/04/22				DOCUMENT NUMBER RSD-44472-XXXX									
	0 PLACES		±		INITIAL REVISION:									DOC TYPE PSD		DOC PART 001		REVISION M8
					DRWN: NNGUYEN 2013/05/08													
					APPR: FSMITH 2013/06/03													
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				

DOCUMENT STATUS	P1	RELEASE DATE	2025/04/22	05:23:44
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FORMAT: master B-9900-C
REVISION: J1
DATE: 2010/05/01

GD

A

A

	12		11		10		9		8		7		6		5		4		3		2		1
	DUAL ROW PART NUMBERS 1 PEG REMOVED																						
H	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
G	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
F	X	44472-2273			22	X		44472-2274			22						22						22
	X	44472-2473			24	X		44472-2474			24						24						24
E																							
	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			ITEM NO.			CKTS
	X	44472-0277			2	X		44472-0278			2						2						2
	X	44472-0477			4	X		44472-0478			4						4						4
	X	44472-0677			6	X		44472-0678			6						6						6
	X	44472-0877			8	X		44472-0878			8						8						8
	X	44472-1077			10	X		44472-1078			10						10						10
	X	44472-1277			12	X		44472-1278			12						12						12
	X	44472-1477			14	X		44472-1478			14						14						14
	X	44472-1677			16	X		44472-1678			16						16						16
	X	44472-1877			18	X		44472-1878			18						18						18
		44472-2077			20			44472-2078			20						20						20
	X	44472-2277			22	X		44472-2278			22						22						22
	X	44472-2477			24	X		44472-2478			24						24						24
D																							
	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			ITEM NO.			CKTS
	X	44472-0277			2	X		44472-0278			2						2						2
	X	44472-0477			4	X		44472-0478			4						4						4
	X	44472-0677			6	X		44472-0678			6						6						6
	X	44472-0877			8	X		44472-0878			8						8						8
	X	44472-1077			10	X		44472-1078			10						10						10
	X	44472-1277			12	X		44472-1278			12						12						12
	X	44472-1477			14	X		44472-1478			14						14						14
	X	44472-1677			16	X		44472-1678			16						16						16
	X	44472-1877			18	X		44472-1878			18						18						18
		44472-2077			20			44472-2078			20						20						20
	X	44472-2277			22	X		44472-2278			22						22						22
	X	44472-2477			24	X		44472-2478			24						24						24
B																							
A																							
	DOCUMENT STATUS		P1	RELEASE DATE	2025/04/22	05:23:44																	
	12		11		10		9		8		7		6		5		4		3		2		1
FORMATS: master-B-0000-C REVISION: J1 DATE: 2025/05/01																							

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
	= 0	DIMENSION UNITS	INCH/MM	SCALE	NTS	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516558																	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 818232																		
	= 0	ANGULAR TOL	±	0.5°	DRWN: VISHAH2					2025/02/21													
DIVISIONAL SYMBOLS		4 PLACES	±		CHK'D: GGA					2025/04/22													
		3 PLACES	±		APPR: GGA					2025/04/22													
		2 PLACES	±	0.4	INITIAL REVISION:																		
		1 PLACE	±	0.5	DRWN: NNGUYEN					2013/05/08													
		0 PLACES	±		APPR: FSMITH					2013/06/03													
		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	
													MATERIAL NUMBER		SEE TABLE		CUSTOMER		GENERAL MARKET		SHEET NUMBER		7 OF 8

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

12

11

10

9

8

7

6

5

4

3

2

1