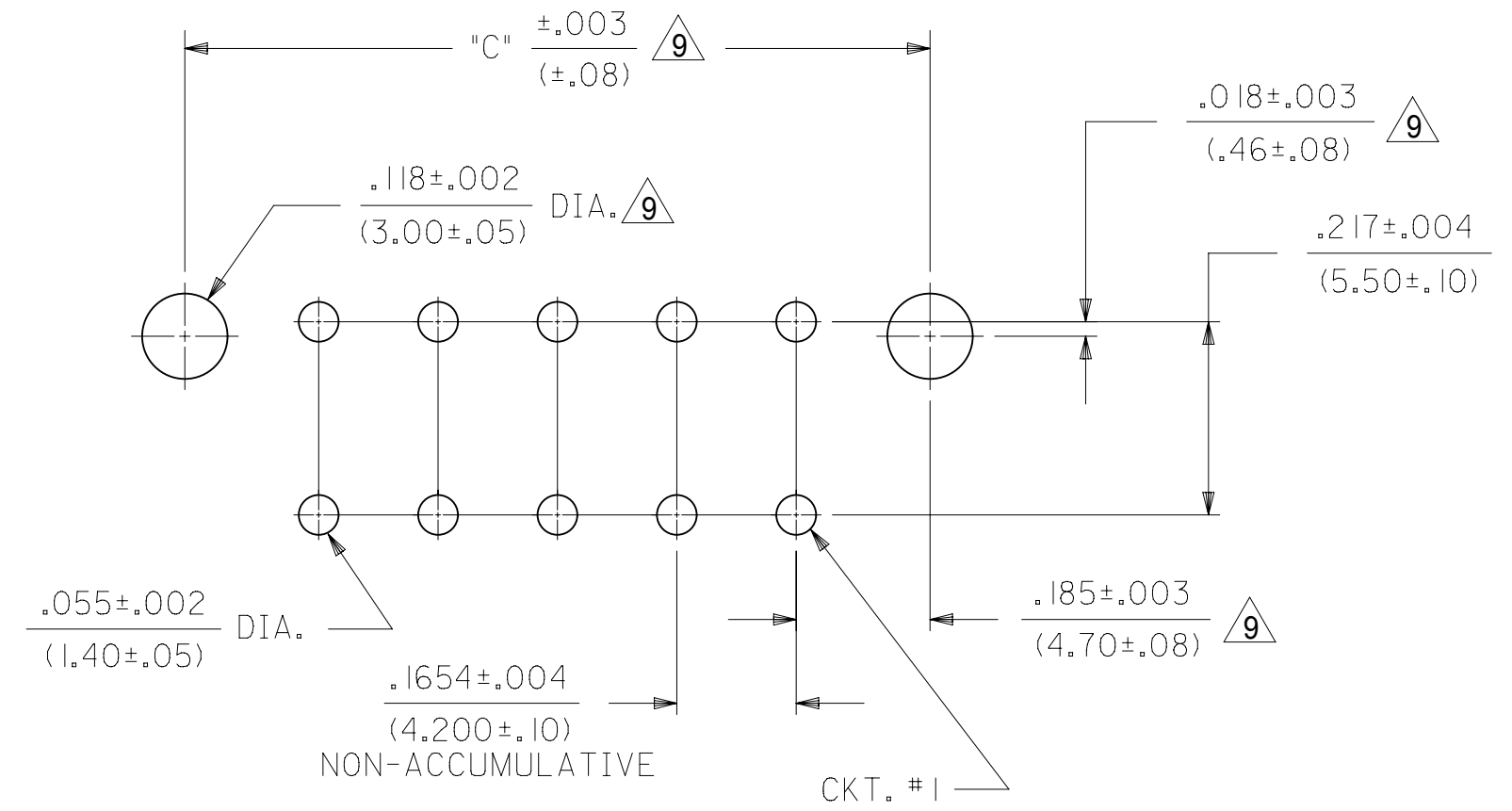
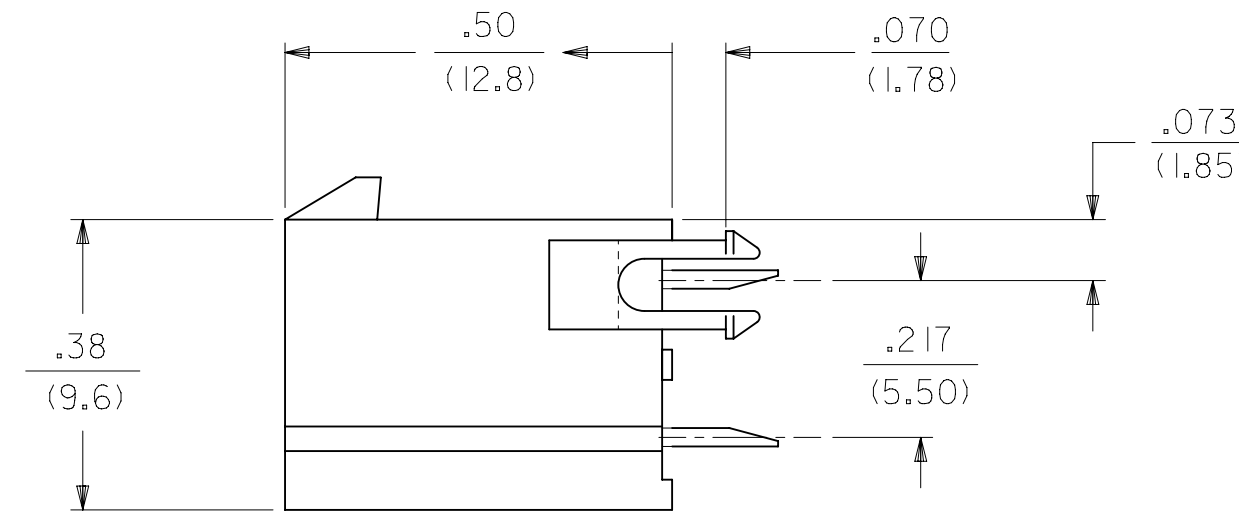
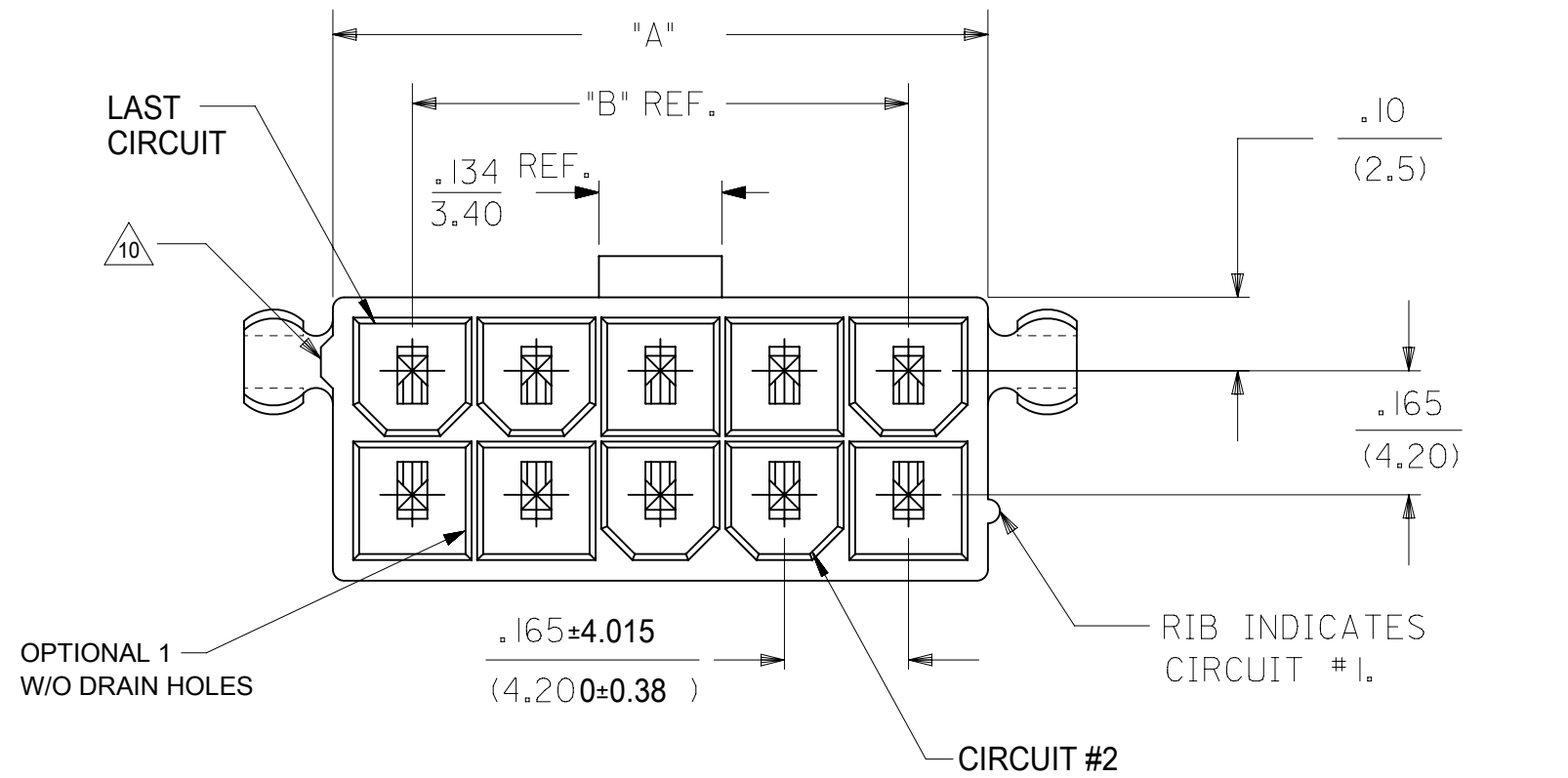


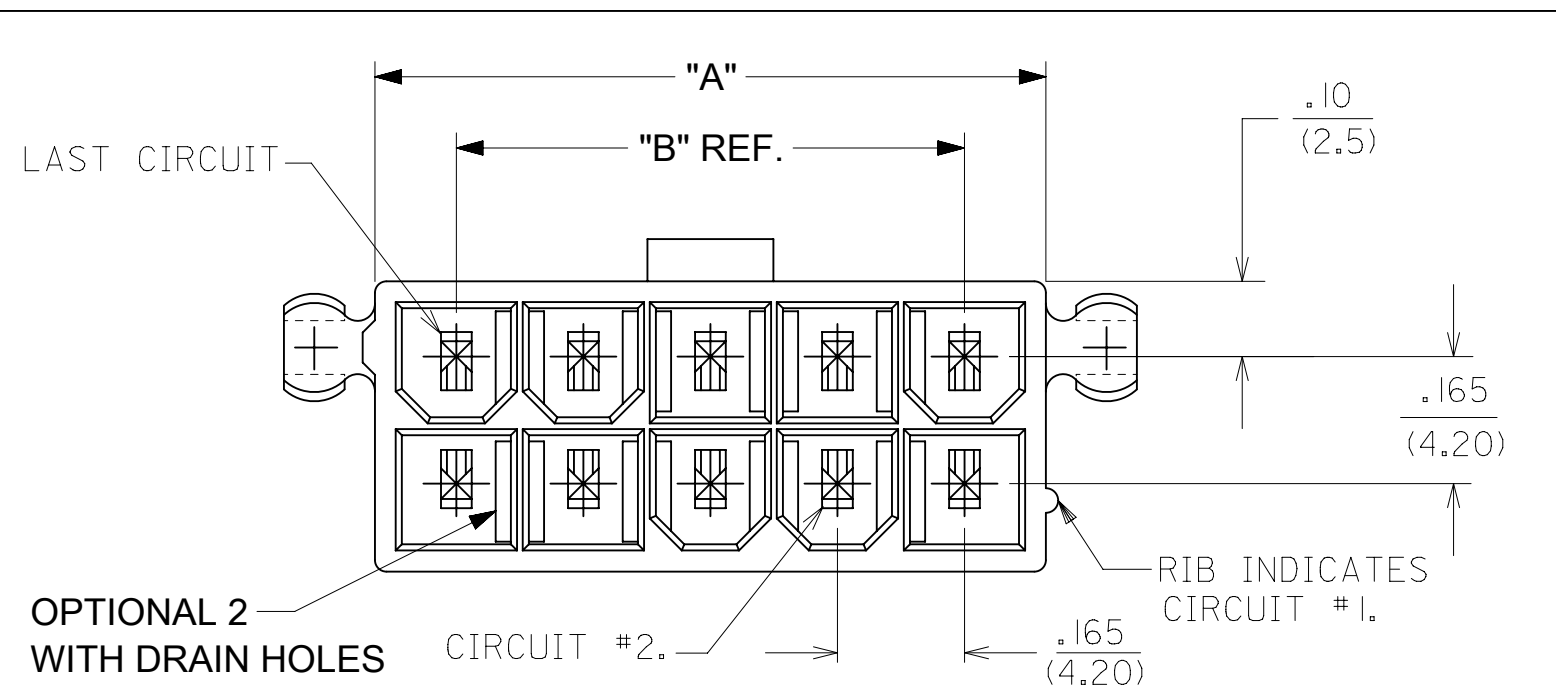
8 CKT SHOWN

CIRCUIT SIZE	DIM. "A"	DIM. "B"	DIM. "C"
2	.21 (5.4)	—	.370 (9.40)
4	.38 (9.6)	.17 (4.2)	.535 (13.60)
6	.54 (13.8)	.33 (8.4)	.701 (17.80)
8	.71 (18.0)	.50 (12.6)	.866 (22.00)
10	.87 (22.2)	.66 (16.8)	1.031 (26.20)
12	1.04 (26.4)	.83 (21.0)	1.197 (30.40)
14	1.20 (30.6)	.99 (25.2)	1.362 (34.60)
16	1.37 (34.8)	1.16 (29.4)	1.528 (38.80)
18	1.54 (39.0)	1.32 (33.6)	1.693 (43.00)
20	1.70 (43.2)	1.49 (37.8)	1.858 (47.20)
22	1.87 (47.4)	1.65 (42.0)	2.024 (51.40)
24	2.03 (51.6)	1.82 (46.2)	2.189 (55.60)



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

STRUCTURES W&W/O DRAIN HOLES ARE ACCEPTABLE.



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:					
mm		NTS		<p><b>molex</b></p> <p>MINI-FIT VERT HDR ASSY W &amp; W/O PEGS DUAL ROW</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>EC NO: 729418 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG</p> <p>INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH</p> <p>2022/11/09 2023/02/27 2023/02/27</p> <p>2014/04/22 2014/05/16</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	± 0.015							
2 PLACES	±	0.38	± 0.02	<p>DOCUMENT NUMBER: SD-172447-0000</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: A8</p>					
1 PLACE	±	± 0.5		<p>DOCUMENT NUMBER: SD-172447-0000</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: A8</p>					
0 PLACES	±	±		<p>DOCUMENT NUMBER: SD-172447-0000</p> <p>DOC TYPE: PSD</p> <p>DOC PART: 001</p> <p>REVISION: A8</p>					
ANGULAR TOL		± 0.5°		THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		172447	
DOCUMENT STATUS		P1		RELEASE DATE		2023/02/27		02:34:44	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		SEE CHART		GENERAL MARKET	
SD-172447-0000		GENERAL MARKET		1 OF 3		SEE CHART		GENERAL MARKET	

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-0002	2	WITH PEGS	TIN	BLACK
YES	172447-0004	4			
YES	172447-0006	6			
YES	172447-0008	8			
YES	172447-0010	10			
YES	172447-0012	12			
NO	172447-0014	14			
NO	172447-0016	16			
NO	172447-0018	18			
NO	172447-0020	20			
NO	172447-0022	22			
NO	172447-0024	24			

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-0202	2	WITHOUT PEGS	TIN	BLACK
YES	172447-0204	4			
YES	172447-0206	6			
YES	172447-0208	8			
YES	172447-0210	10			
YES	172447-0212	12			
YES	172447-0214	14			
YES	172447-0216	16			
NO	172447-0218	18			
NO	172447-0220	20			
NO	172447-0222	22			
NO	172447-0224	24			

172447 - \* \* \*\*

PLATING  
SEE NOTE 2  
0 = TIN PER "MS"  
1 = GOLD PER "GS"

ASSEMBLY TYPE  
0 = DUAL ROW W/PEGS (BLACK, V2)  
1 = DUAL ROW W/PEGS (BEIGE, V2)  
2 = DUAL ROW WITHOUT PEGS (BLACK, V2)  
3 = DUAL ROW WITHOUT PEGS (BIEGE, V2)  
4 = DUAL ROW W/PEGS (RED, V0)  
5 = DUAL ROW W/PEGS (GREEN, V0)  
6 = DUAL ROW W/PEGS (BLUE, V0)  
7 = DUAL ROW W/PEGS (NATURAL, V0)

CIRCUIT SIZE

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-1002	2	WITH PEGS	GOLD	BLACK
YES	172447-1004	4			
YES	172447-1006	6			
YES	172447-1008	8			
YES	172447-1010	10			
YES	172447-1012	12			
NO	172447-1014	14			
NO	172447-1016	16			
NO	172447-1018	18			
NO	172447-1020	20			
NO	172447-1022	22			
NO	172447-1024	24			


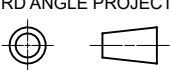
TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-1202	2	WITHOUT PEGS	GOLD	BLACK
YES	172447-1204	4			
YES	172447-1206	6			
YES	172447-1208	8			
YES	172447-1210	10			
YES	172447-1212	12			
YES	172447-1214	14			
YES	172447-1216	16			
NO	172447-1218	18			
NO	172447-1220	20			
NO	172447-1222	22			
NO	172447-1224	24			

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-0102	2	WITH PEGS	TIN	BEIGE
YES	172447-0104	4			
YES	172447-0106	6			
YES	172447-0108	8			
YES	172447-0110	10			
YES	172447-0112	12			
NO	172447-0114	14			
NO	172447-0116	16			
NO	172447-0118	18			
NO	172447-0120	20			
NO	172447-0122	22			
NO	172447-0124	24			

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-0302	2	WITHOUT PEGS	TIN	BIEGE
YES	172447-0304	4			
YES	172447-0306	6			
YES	172447-0308	8			
YES	172447-0310	10			
YES	172447-0312	12			
YES	172447-0314	14			
YES	172447-0316	16			
NO	172447-0318	18			
NO	172447-0320	20			
NO	172447-0322	22			
NO	172447-0324	24			

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-1302	2	WITHOUT PEGS	GOLD	BIEGE
YES	172447-1304	4			
YES	172447-1306	6			
YES	172447-1308	8			
YES	172447-1310	10			
YES	172447-1312	12			
YES	172447-1314	14			
YES	172447-1316	16			
NO	172447-1318	18			
NO	172447-1320	20			
NO	172447-1322	22			
NO	172447-1324	24			

TOOLED	PART NUMBER	CKT SIZE	MOUNTING OPTION	PLATING SEE NOTE 2	COLOR
YES	172447-1102	2	WITH PEGS	GOLD	BEIGE
YES	172447-1104	4			
YES	172447-1106	6			
YES	172447-1108	8			
YES	172447-1110	10			
YES	172447-1112	12			
NO	172447-1114	14			
NO	172447-1116	16			
NO	172447-1118	18			
NO	172447-1120	20			
NO	172447-1122	22			
NO	172447-1124	24			

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DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 729418		2022/11/09		<b>SD-172447-0000</b>	
				DRWN: JERRYW8		2023/02/27			
				CHK'D: XQZHANG		2023/02/27		PRODUCT CUSTOMER DRAWING	
				APPR: XQZHANG				DOCUMENT NUMBER	
				INITIAL REVISION:				DOC TYPE   DOC PART   REVISION	
				DRWN: NNGUYEN		2014/04/22		PSD   001   A8	
				APPR: FSMITH		2014/05/16			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						C-SIZE		172447	
						MATERIAL NUMBER		CUSTOMER	
						SEE CHART		GENERAL MARKET	
								2 OF 3	

		PLATING:	TIN	PLATING:	TIN	PLATING:	TIN	PLATING:	TIN
		MTG. OPTION:	WITH PEGS	MTG. OPTION:	WITH PEGS	MTG. OPTION:	WITH PEGS	MTG. OPTION:	WITH PEGS
TOOLED	CKTS	PART NO.	MATERIAL	PART NO.	MATERIAL	PART NO.	MATERIAL	PART NO.	MATERIAL
YES	2	1724470402	94V-0, GLOW WIRE, RED	1724470502	94V-0, GLOW WIRE, GREEN	1724470602	94V-0, GLOW WIRE, BLUE	1724470702	94V-0, GLOW WIRE, NATURAL
YES	4	1724470404		1724470504		1724470604		1724470704	
YES	6	1724470406		1724470506		1724470606		1724470706	
YES	8	1724470408		1724470508		1724470608		1724470708	
YES	10	1724470410		1724470510		1724470610		1724470710	
YES	12	1724470412		1724470512		1724470612		1724470712	

		PLATING:	TIN	PLATING:	TIN	PLATING:	TIN	PLATING:	TIN
		MTG. OPTION:	WITHOUT PEGS	MTG. OPTION:	WITHOUT PEGS	MTG. OPTION:	WITHOUT PEGS	MTG. OPTION:	WITHOUT PEGS
TOOLED	CKTS	PART NO.	MATERIAL	PART NO.	MATERIAL	PART NO.	MATERIAL	PART NO.	MATERIAL
YES	2	1724479402	94V-0, GLOW WIRE, RED	1724479502	94V-0, GLOW WIRE, GREEN	1724479602	94V-0, GLOW WIRE, BLUE	1724479702	94V-0, GLOW WIRE, NATURAL
YES	4	1724479404		1724479504		1724479604		1724479704	
YES	6	1724479406		1724479506		1724479606		1724479706	
YES	8	1724479408		1724479508		1724479608		1724479708	
YES	10	1724479410		1724479510		1724479610		1724479710	
YES	12	1724479412		1724479512		1724479612		1724479712	

NOTES:

1. MATERIALS:

HOUSING:

- 225S = NYLON 6, UL94V-2, GLOW WIRE, COLOR: BLACK
- 225NS = NYLON 6/6, UL94V-2, GLOW WIRE, COLOR: BIEGE
- 250RS = NYLON 6/6, UL94V-0, GLOW WIRE, COLOR: RED
- 250GS = NYLON 6/6, UL94V-0, GLOW WIRE, COLOR: GREEN
- 250BS = NYLON 6/6, UL94V-0, GLOW WIRE, COLOR: BLUE
- 250WS = NYLON 6/6, UL94V-0, GLOW WIRE, COLOR: NATURAL

TERMINALS:

BRASS

2. TERMINAL PLATING:

- GOLD = .000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL
- TIN = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING: TRAY PACKED PER PK-5566-001

5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 46992.

6. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK ON THE HOUSING MEET CLASS "C" REQUIREMENTS.

7. PART IS NOT DESIGNED FOR CURRENT SHARING.

8. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.

9. LOCATION OF .118.002/(3.000.05) DIAMETER HOLES ON P.C. BOARD IS FOR OPTIONAL PEGS.

10. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.


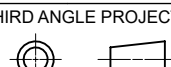
11. APPLICATION SPECIFICATION : 469920000-AS

172447 - \* \* \*\*

PLATING  
SEE NOTE 2  
0 = TIN PER "MS"  
1 = GOLD PER "GS"

ASSEMBLY TYPE  
0 = DUAL ROW W/PEGS (BLACK, V2)  
1 = DUAL ROW W/PEGS (BEIGE, V2)  
2 = DUAL ROW WITHOUT PEGS (BLACK, V2)  
3 = DUAL ROW WITHOUT PEGS (BIEGE, V2)  
4 = DUAL ROW W/PEGS (RED, V0)  
5 = DUAL ROW W/PEGS (GREEN, V0)  
6 = DUAL ROW W/PEGS (BLUE, V0)  
7 = DUAL ROW W/PEGS (NATURAL, V0)

CIRCUIT SIZE

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DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 729418		2022/11/09		MINI-FIT VERT HDR ASSY W & W/O PEGS DUAL ROW	
				DRWN: JERRYW8		2023/02/27			
				CHK'D: XQZHANG		2023/02/27		PRODUCT CUSTOMER DRAWING	
				APPR: XQZHANG		2023/02/27			
				INITIAL REVISION:				DOCUMENT NUMBER <b>SD-172447-0000</b>	
				DRWN: NNGUYEN		2014/04/22			
				APPR: FSMITH		2014/05/16		DOC TYPE: PSD DOC PART: 001 REVISION: A8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						C-SIZE		172447	
DOCUMENT STATUS				P1		RELEASE DATE		2023/02/27 02:34:44	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
		GENERAL MARKET		3 OF 3					