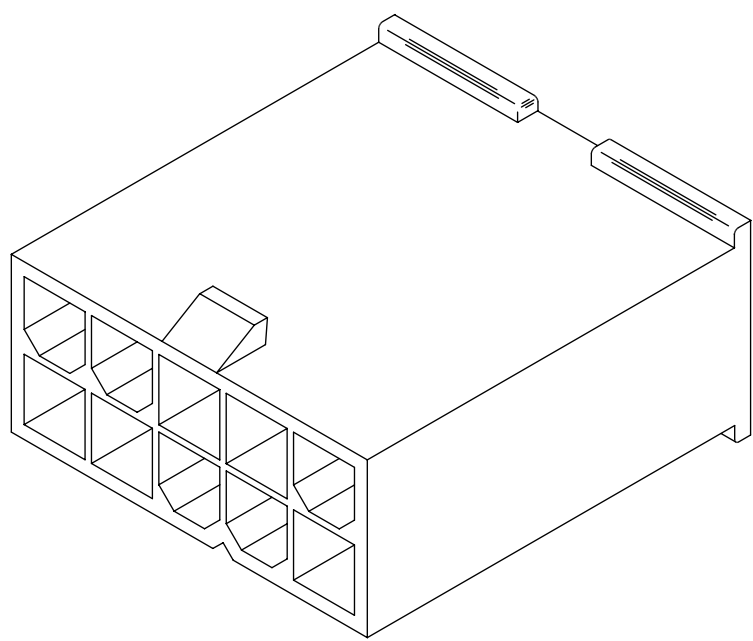
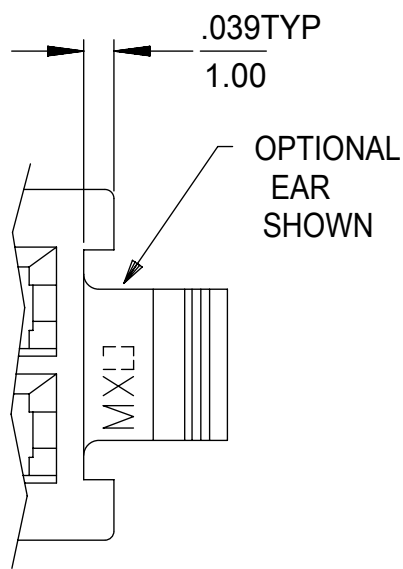
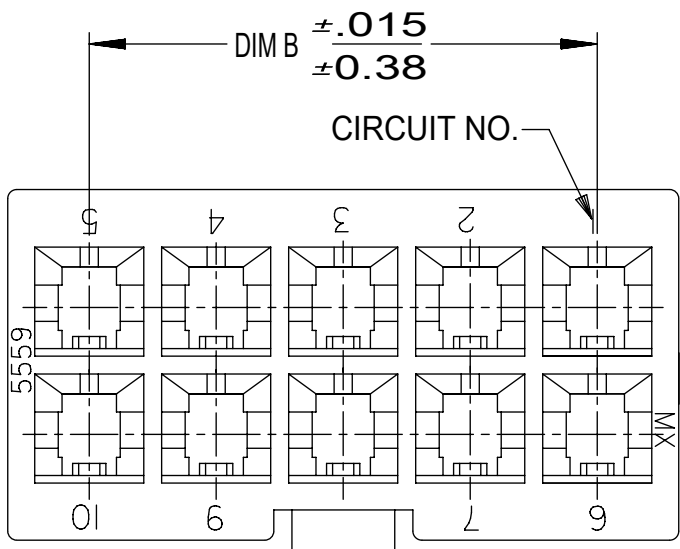
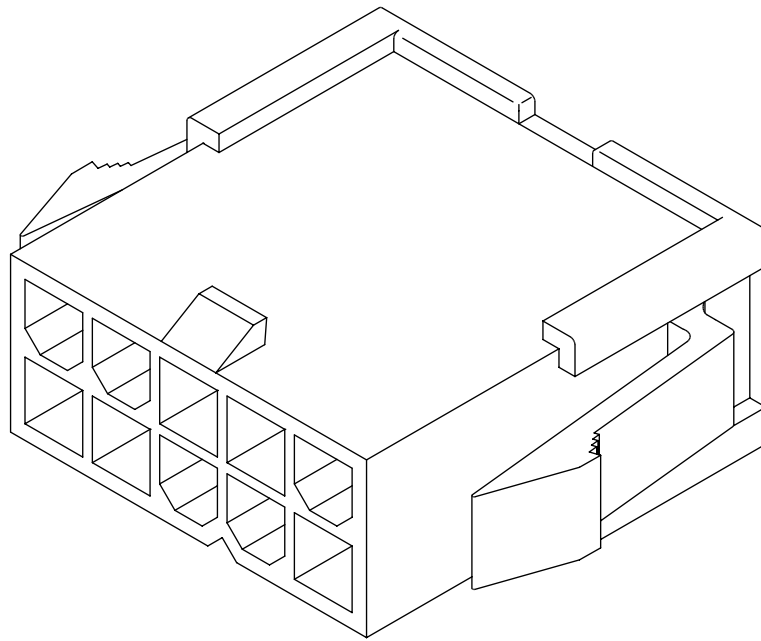




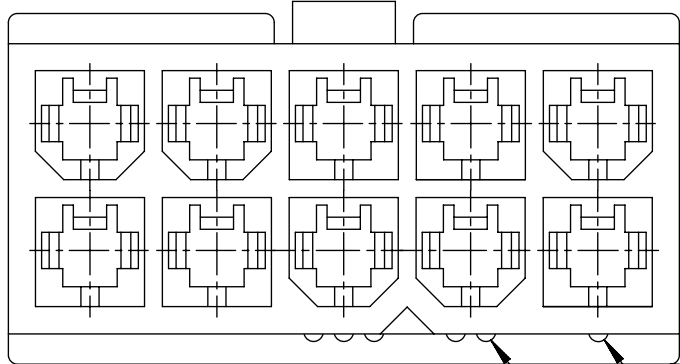
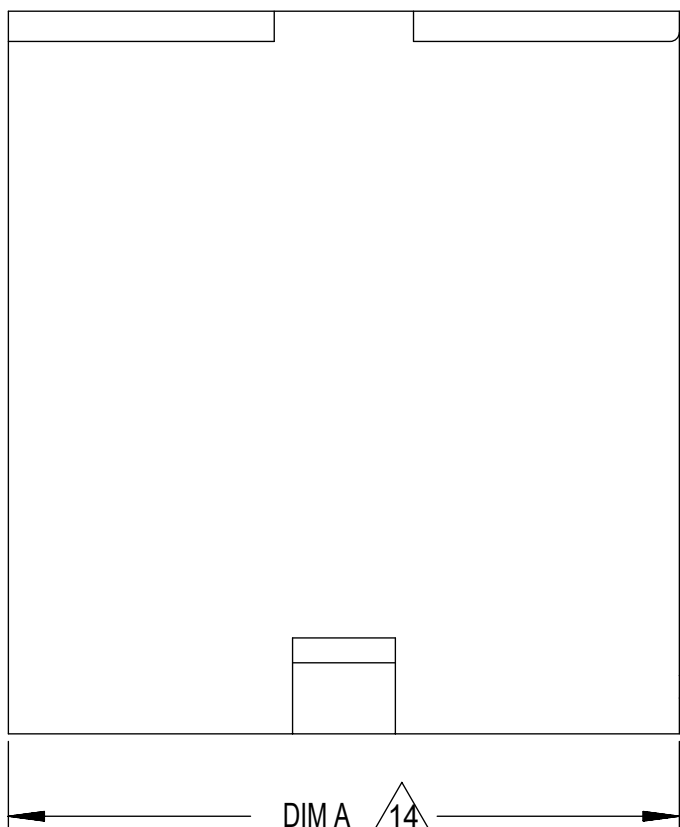
WITHOUT MOUNTING EARS
6-24 CIRCUIT

46993-**11

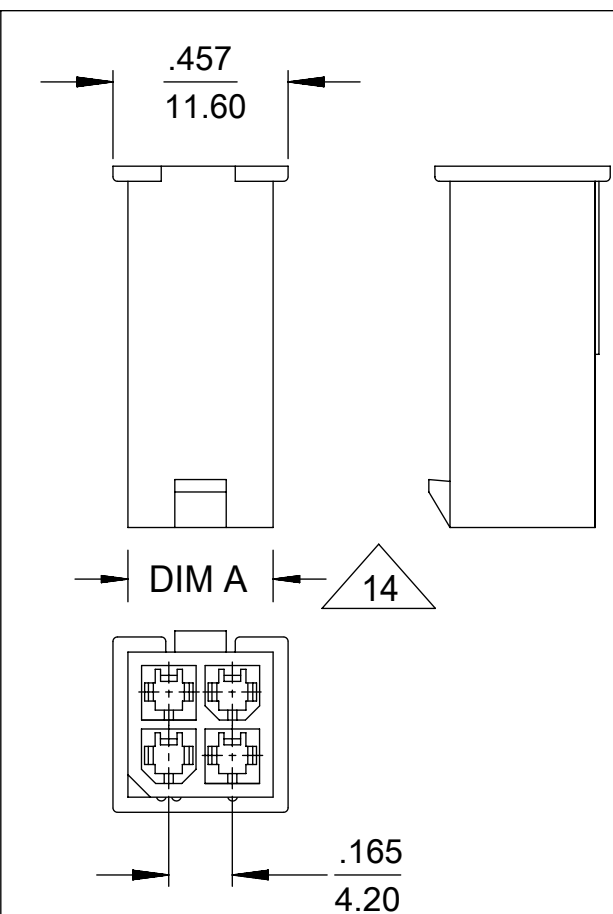
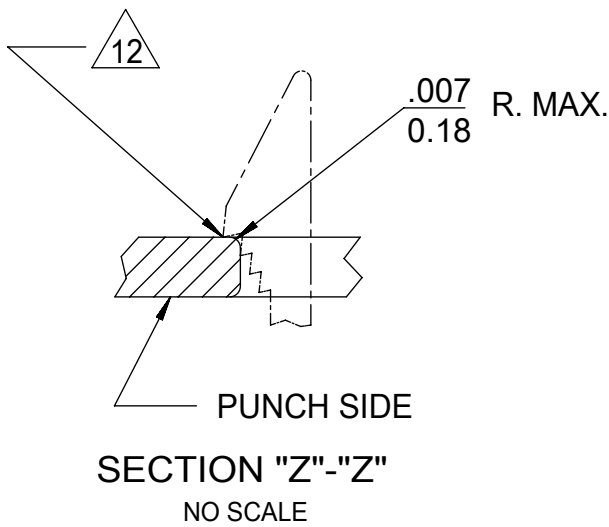
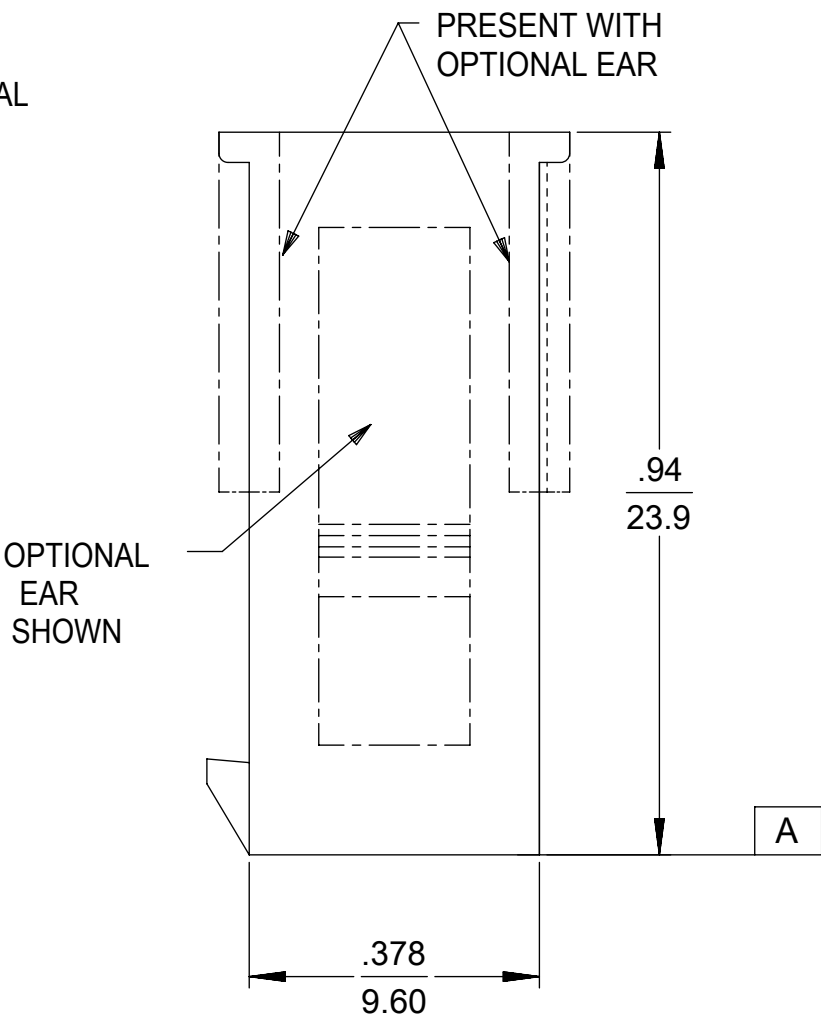


WITH MOUNTING EARS
2-24 CIRCUIT

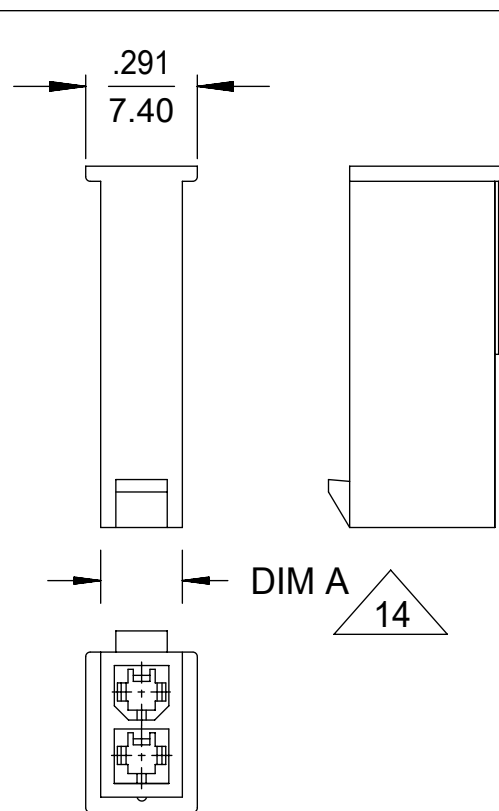
46993-**10



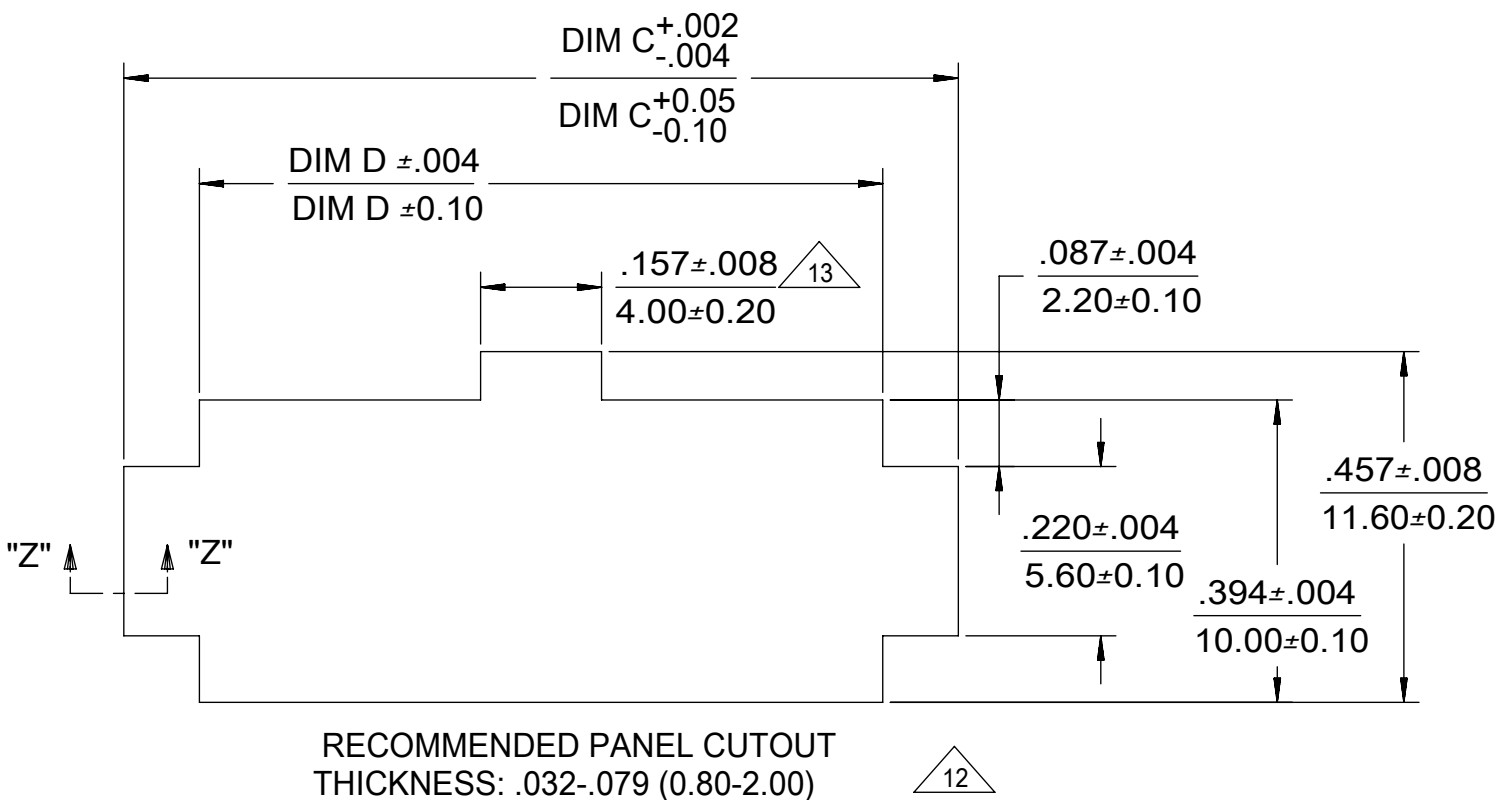
RIB INDICATES CIRCUIT #1
RIBS INDICATE CIRCUIT #2



46993-0411
SCALE: 2X



46993-0211
SCALE: 2X



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#516605				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI-FIT JR PLUG 2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE			
		MM	INCH								
4 PLACES	±			EC NO: 821949							
3 PLACES	±			DRWN: SAMPRS	2025/05/15						
2 PLACES	±	0.25	±	CHK'D: GGA	2025/05/21						
1 PLACE	±	0.38	±	APPR: GGA	2025/05/21						
0 PLACES	±			INITIAL REVISION:							
				DRWN: NNGUYEN	2013/04/11			DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
				APPR: FSMITH	2014/05/16			SD-46993-0000	PSD	000	A12
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	46993	SEE TABLE	GENERAL MARKET		1 OF 3

	12		11		10		9		8		7		6		5		4		3		2		1
	PART NUMBER		CKT SIZE	MOUNTING OPTION		DIM "A"		DIM "B"		DIM "C"		DIM "D"		PACKAGING SPECIFICATION		COLOR		LEGEND 46993-***0 SERIES NUMBER CKT SIZE MATERIAL (SEE NOTE 1) 0 = 225NS 1 = 225S 2 = 250RS 3 = 250GS 4 = 250BS 5 = 250WS MOUNTING OPTION (SEE NOTE #7)					
		46993-0211	02	WITHOUT EARS		.21 / 5.4		--		NOT APPLICABLE		NOT APPLICABLE		PK-5559-002		BLACK							
		46993-0411	04	WITHOUT EARS		.38 / 9.6		.165 / 4.20		NOT APPLICABLE		NOT APPLICABLE											
		46993-0611	06	WITHOUT EARS		.54 / 13.8		.331 / 8.40		NOT APPLICABLE		NOT APPLICABLE											
		46993-0811	08	WITHOUT EARS		.71 / 18.0		.496 / 12.60		NOT APPLICABLE		NOT APPLICABLE											
		46993-1011	10	WITHOUT EARS		.87 / 22.2		.661 / 16.80		NOT APPLICABLE		NOT APPLICABLE											
		46993-1211	12	WITHOUT EARS		1.04 / 26.4		.827 / 21.00		NOT APPLICABLE		NOT APPLICABLE											
		46993-1411	14	WITHOUT EARS		1.21 / 30.6		.992 / 25.20		NOT APPLICABLE		NOT APPLICABLE											
		46993-1611	16	WITHOUT EARS		1.37 / 34.8		1.158 / 29.40		NOT APPLICABLE		NOT APPLICABLE		PK-5559-002		BLACK							
		46993-0210	02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		BLACK							
		46993-0410	04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00											
		46993-0610	06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20											
		46993-0810	08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40											
		46993-1010	10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60											
		46993-1210	12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80											
		46993-1410	14	WITH EARS		1.21 / 30.6		.992 / 25.20		1.417 / 36.00		1.224 / 31.10											
		46993-1610	16	WITH EARS		1.37 / 34.8		1.158 / 29.40		1.583 / 40.20		1.390 / 35.30											
		46993-1810	18	WITH EARS		1.54 / 39.0		1.323 / 33.60		1.748 / 44.40		1.555 / 39.50		PK-5559-001		BLACK							
		46993-0201	02	WITHOUT EARS		.21 / 5.4		--		NOT APPLICABLE		NOT APPLICABLE		PK-5559-002		BEIGE							
		46993-0401	04	WITHOUT EARS		.38 / 9.6		.165 / 4.20		NOT APPLICABLE		NOT APPLICABLE											
		46993-0601	06	WITHOUT EARS		.54 / 13.8		.331 / 8.40		NOT APPLICABLE		NOT APPLICABLE											
		46993-0801	08	WITHOUT EARS		.71 / 18.0		.496 / 12.60		NOT APPLICABLE		NOT APPLICABLE											
		46993-1001	10	WITHOUT EARS		.87 / 22.2		.661 / 16.80		NOT APPLICABLE		NOT APPLICABLE											
		46993-1201	12	WITHOUT EARS		1.04 / 26.4		.827 / 21.00		NOT APPLICABLE		NOT APPLICABLE											
		46993-1401	14	WITHOUT EARS		1.21 / 30.6		.992 / 25.20		NOT APPLICABLE		NOT APPLICABLE											
		46993-1601	16	WITHOUT EARS		1.37 / 34.8		1.158 / 29.40		NOT APPLICABLE		NOT APPLICABLE											
		46993-1801	18	WITHOUT EARS		1.54 / 39.0		1.323 / 33.60		NOT APPLICABLE		NOT APPLICABLE		PK-5559-002		BEIGE							
		46993-0200	02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		BEIGE							
		46993-0400	04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00											
		46993-0600	06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20											
		46993-0800	08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40											
		46993-1000	10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60											
		46993-1200	12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80											
		46993-1400	14	WITH EARS		1.21 / 30.6		.992 / 25.20		1.417 / 36.00		1.224 / 31.10											
		46993-1600	16	WITH EARS		1.37 / 34.8		1.158 / 29.40		1.583 / 40.20		1.390 / 35.30											
		46993-1800	18	WITH EARS		1.54 / 39.0		1.323 / 33.60		1.748 / 44.40		1.555 / 39.50		PK-5559-001		BEIGE							
	REFERENCE FOR CIRCUIT NUMBER ORIENTATION (OPTIONAL EARS NOT SHOWN)																						
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS mm SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) MM INCH 4 PLACES ± ± 3 PLACES ± ± 2 PLACES ± 0.25 ± 1 PLACE ± 0.38 ± 0 PLACES ± ± ANGULAR TOL ± 0.5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION C-SIZE SERIES 46993 CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516605 EC NO: 821949 DRWN: SAMPRS CHK'D: GGA APPR: GGA 2025/05/15 2025/05/21 2025/05/21 INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH 2013/04/11 2014/05/16 DOCUMENT NUMBER SD-46993-0000 DOC TYPE PSD DOC PART 000 REVISION A12 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 3																						
	DOCUMENT STATUS	P1	RELEASE DATE	2025/05/21	04:53:01																		

12		11		10		9		8		7		6		5		4		3		2		1	
PART NUMBER		CKT SIZE	MOUNTING OPTION		DIM "A"		DIM "B"		DIM " C"		DIM"D"		PACKAGING SPECIFICATION		MATERIAL CODE & COLOR SEE NOTE 14								
46993-0220		02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		250RS RED (V0) 967550365								
46993-0420		04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00												
46993-0620		06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20												
46993-0820		08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40												
46993-1020		10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60												
46993-1220		12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80												
46993-0230		02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		250GS GREEN (V0) 967550364								
46993-0430		04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00												
46993-0630		06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20												
46993-0830		08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40												
46993-1030		10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60												
46993-1230		12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80												
46993-0240		02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		250BS BLUE (V0) 967550363								
46993-0440		04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00												
46993-0640		06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20												
46993-0840		08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40												
46993-1040		10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60												
46993-1240		12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80												
46993-0250		02	WITH EARS		.21 / 5.4		--		.425 / 10.80		.228 / 5.80		PK-5559-001		250WS NATURAL (V0)								
46993-0450		04	WITH EARS		.38 / 9.6		.165 / 4.20		.591 / 15.00		.394 / 10.00												
46993-0650		06	WITH EARS		.54 / 13.8		.331 / 8.40		.756 / 19.20		.559 / 14.20												
46993-0850		08	WITH EARS		.71 / 18.0		.496 / 12.60		.921 / 23.40		.724 / 18.40												
46993-1050		10	WITH EARS		.87 / 22.2		.661 / 16.80		1.087 / 27.60		.890 / 22.60												
46993-1250		12	WITH EARS		1.04 / 26.4		.827 / 21.00		1.252 / 31.80		1.055 / 26.80												

NOTES:

1) MATERIAL:
225NS = NYLON 6, UL94V-2, GLOW WIRE,COLOR: NATURAL
225S = NYLON 6, UL94V-2, GLOW WIRE, COLOR: BLACK
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

2) FINISH: NOT APPLICABLE

3) PRODUCT SPECIFICATION: PS-5556-001

4) PACKAGING: SEE CHART

5) PART MATES WITH MOLEX RECEPTACLE #46992.

6) PART TO BE USED WITH MOLEX MALE TERMINAL #5558,#46012.

7) MOUNTING OPTIONS:
"0" = WITH EARS, DUAL ROW
"1" = WITHOUT EARS, DUAL ROW

8) PART IS NOT DESIGNED FOR CURRENT SHARING.

9) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

10) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.

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

12) PANEL HOLE TO PUNCHED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL.

13) ON 2 CIRCUIT PARTS THIS DIMENSION IS ALLOWABLE UP TO DIMENSION "D".

14) TO BE MEASURED AT SURFACE

A

15) APPLICATION SPECIFICATION :469920000-AS

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516605				mo lex MINI-FIT JR PLUG 2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
	MM	INCH																	
4 PLACES	±		±	EC NO: 821949 DRWN: SAMPRS CHK'D: GGA APPR: GGA				2025/05/15 2025/05/21 2025/05/21											
3 PLACES	±		±																
2 PLACES	±	0.25	±																
1 PLACE	±	0.38	±																
0 PLACES	±		±	INITIAL REVISION:				2013/04/11 2014/05/16											
DRWN: NNGUYEN																			
APPR: FSMITH																			
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION				DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								C-SIZE		46993		SD-46993-0000		PSD		000		A12	
												SEE TABLE		GENERAL MARKET		3 OF 3			