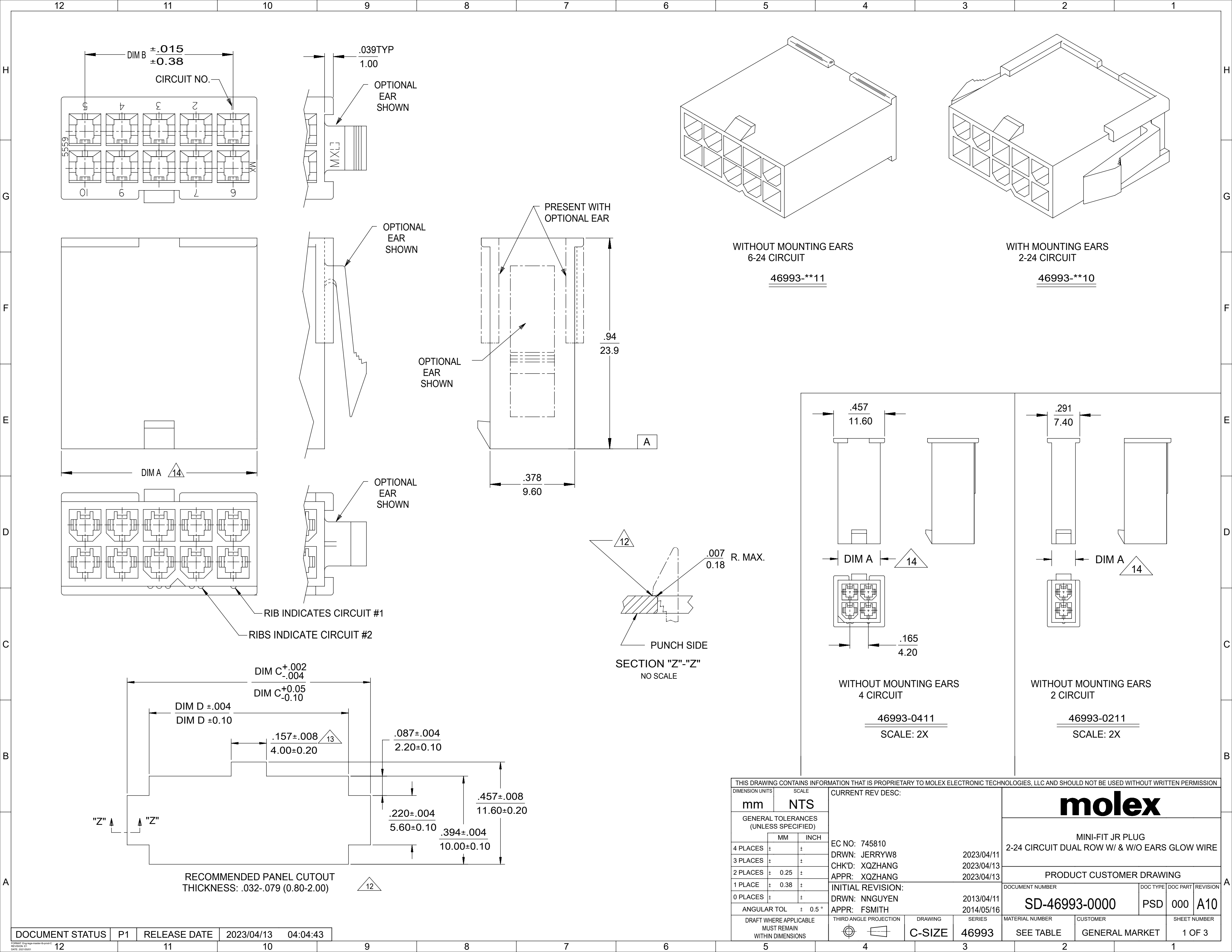




		12		11		10		9		8		7		6		5		4		3		2		1	
		PART NUMBER		CKT SIZE		MOUNTING OPTION		DIM "A"		DIM "B"		DIM "C"		DIM "D"		PACKAGING SPECIFICATION		COLOR							
		46993-0211		02		WITHOUT EARS		.21 / 5.4		--		NOT APPLICABLE		NOT APPLICABLE		PK-5559-002		BLACK							
		46993-0411		04		WITHOUT EARS		.38 / 9.6		.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											
		46993-1811		18		WITHOUT EARS		1.54 / 39.0		1.323 / 33.60		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							
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)																									
12 11 10 9 8 7 6 5 4 3 2 1 12CKTS. 14 13 12 11 10 9 8 7 6 5 4 3 2 1 14CKTS. 10 9 8 7 6 5 4 3 2 1 10CKTS. 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 16CKTS. 8 7 6 5 4 3 2 1 8CKTS. 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 18CKTS. 6 5 4 3 2 1 6CKTS. 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 20CKTS. 4 3 2 1 4CKTS. 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 22CKTS. 2 1 2CKTS. 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 24CKTS.																									
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 DRAWING C-SIZE SERIES 46993 CURRENT REV DESC: EC NO: 745810 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG 2023/04/11 2023/04/13 2023/04/13 INITIAL REVISION: DRWN: NNGUYEN APPR: FSMITH 2013/04/11 2014/05/16 moLEX MINI-FIT JR PLUG 2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-46993-0000 DOC TYPE PSD DOC PART 000 REVISION A10 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 3																									
DOCUMENT STATUS		P1	RELEASE DATE		2023/04/13	04:04:43																			
		12		11		10		9		8		7		6		5		4		3		2		1	

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.

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

15) APPLICATION SPECIFICATION :469920000-AS

DOCUMENT STATUS

P1

RELEASE DATE

2023/04/13

04:04:43

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

DRAWING

C-SIZE

SERIES

46993

CURRENT REV DESC:

EC NO: 745810

DRWN: JERRYW8

CHK'D: XQZHANG

APPR: XQZHANG

2023/04/11

2023/04/13

2023/04/13

INITIAL REVISION:

DRWN: NNGUYEN

APPR: FSMITH

2013/04/11

2014/05/16

DOCUMENT NUMBER

SD-46993-0000

DOC TYPE

PSD

DOC PART

000

REVISION

A10

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3

mo

lex

MINI-FIT JR PLUG

2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE

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)