

		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 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

A

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

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

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

46993

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

moLEX

MINI-FIT JR PLUG

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

PRODUCT CUSTOMER DRAWING