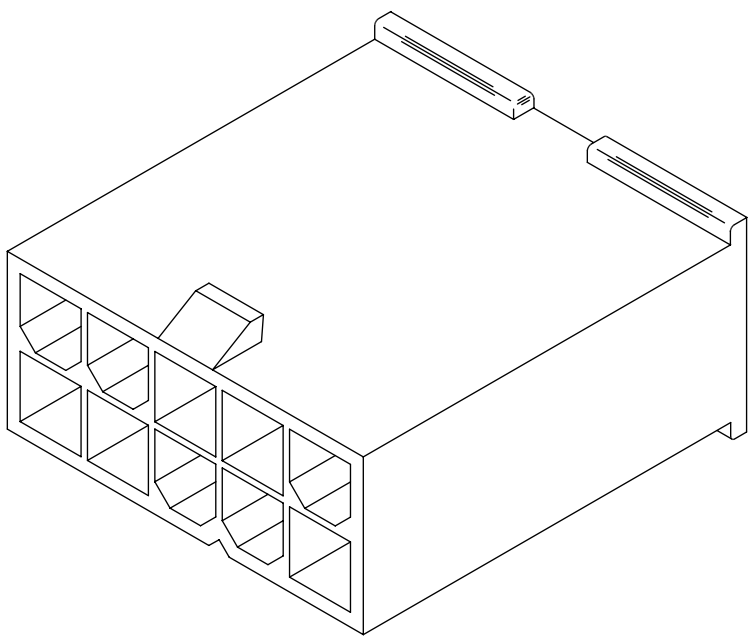
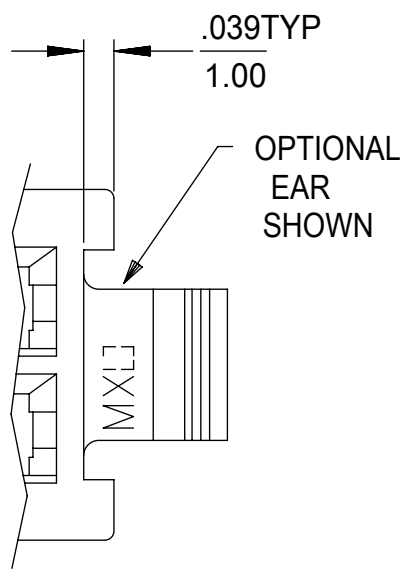
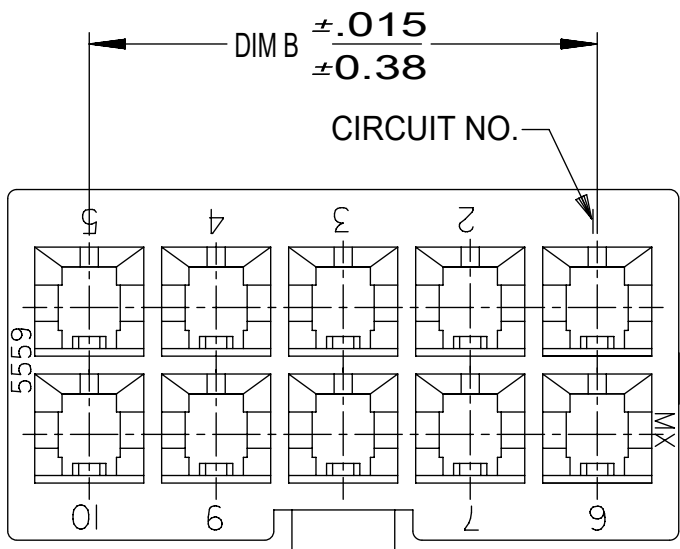
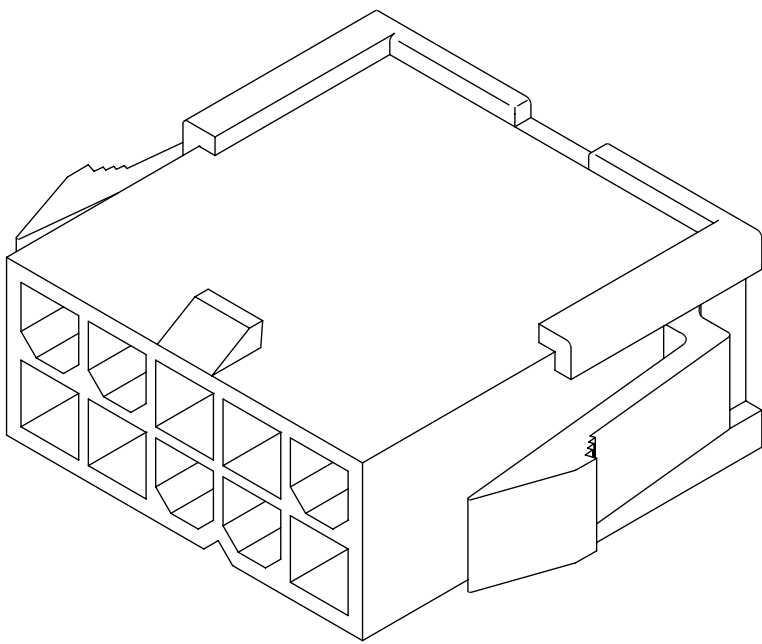




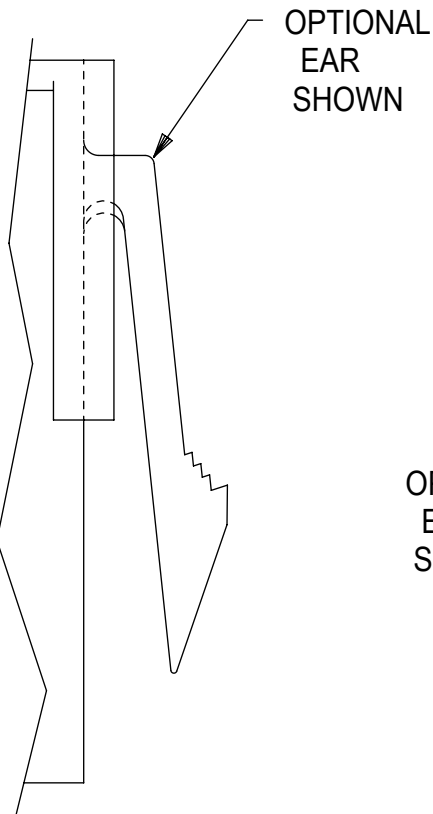
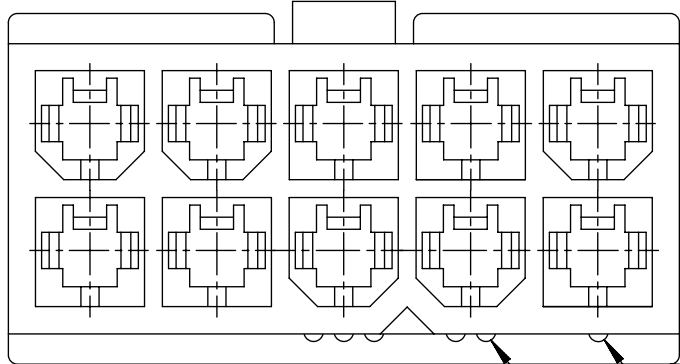
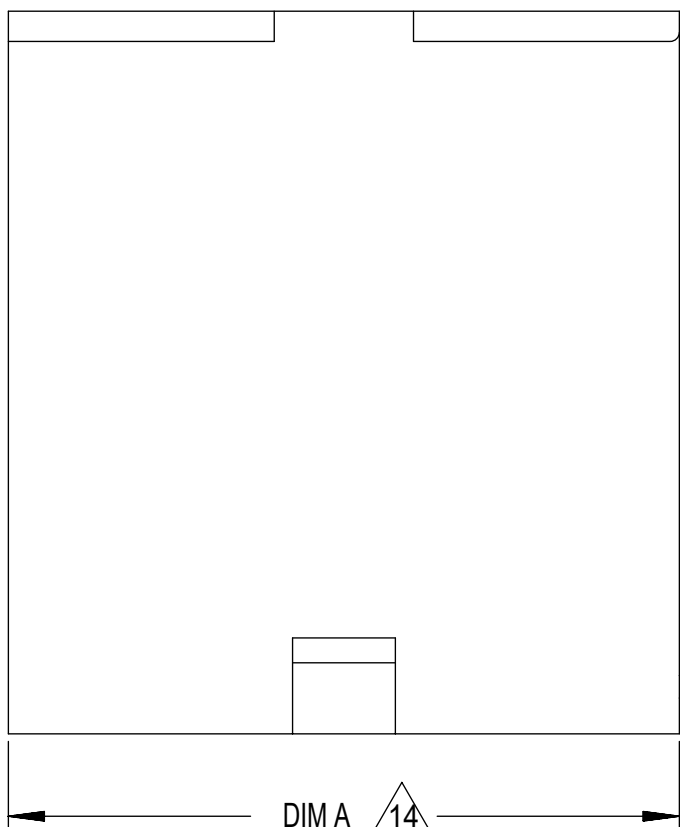
WITHOUT MOUNTING EARS
6-24 CIRCUIT

46993-**11

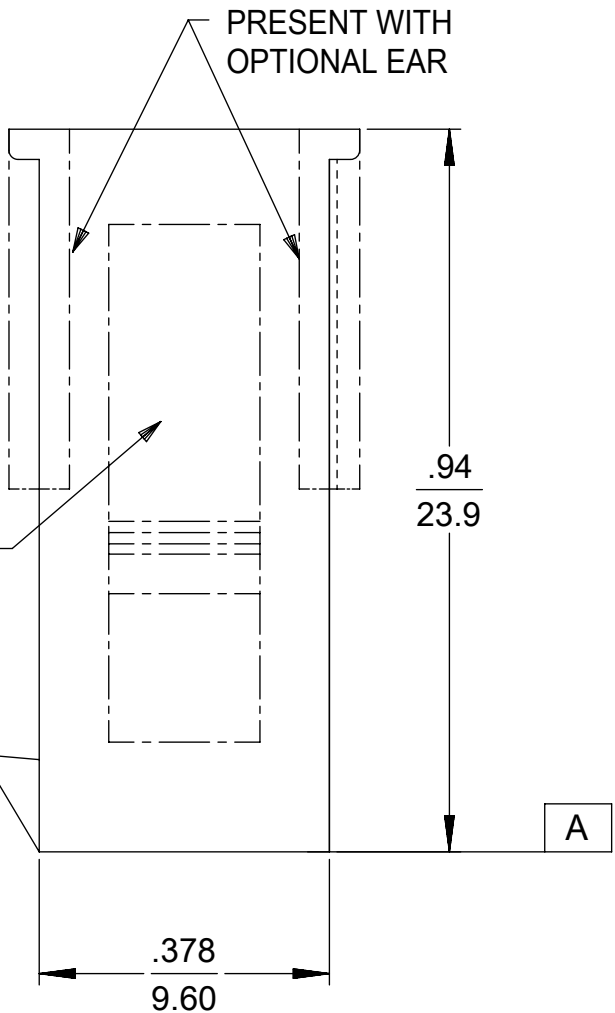


WITH MOUNTING EARS
2-24 CIRCUIT

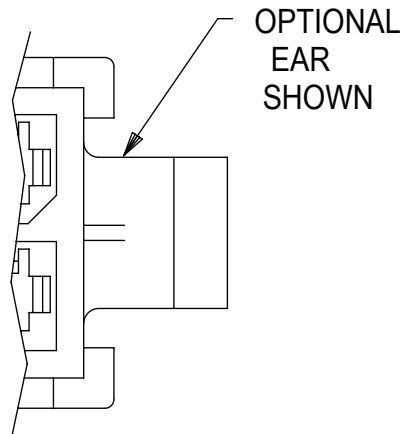
46993-**10



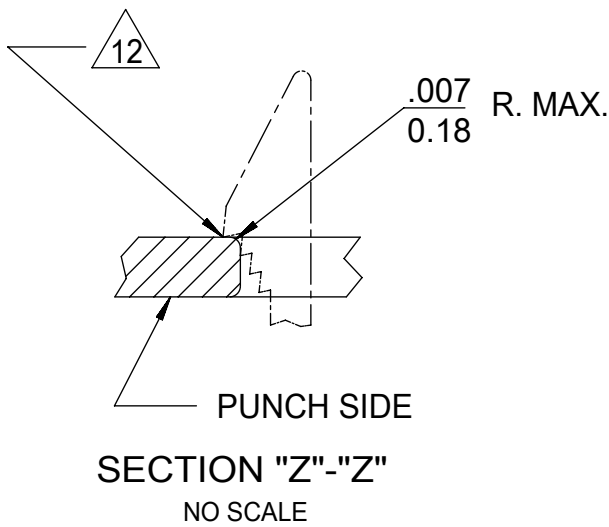
OPTIONAL
EAR
SHOWN



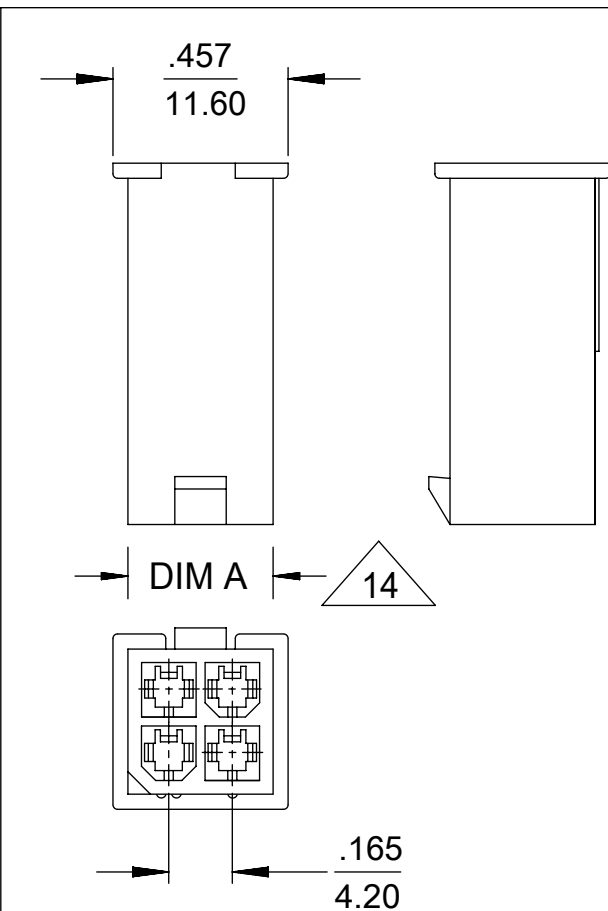
A



RIB INDICATES CIRCUIT #1
RIBS INDICATE CIRCUIT #2

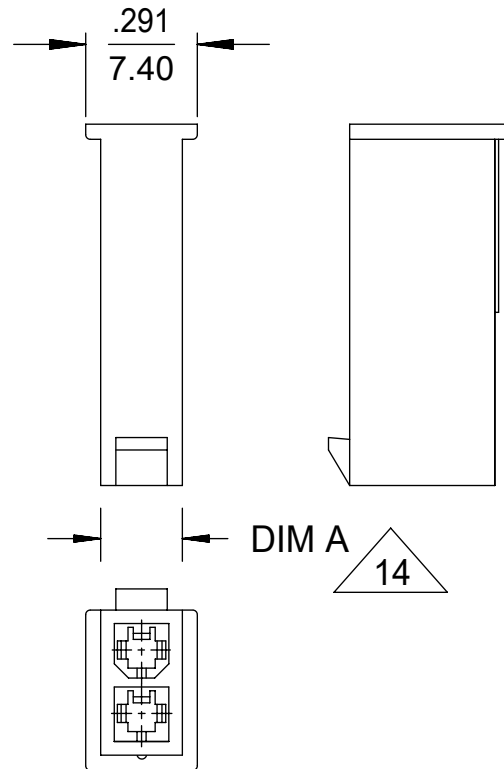


SECTION "Z"- "Z"
NO SCALE



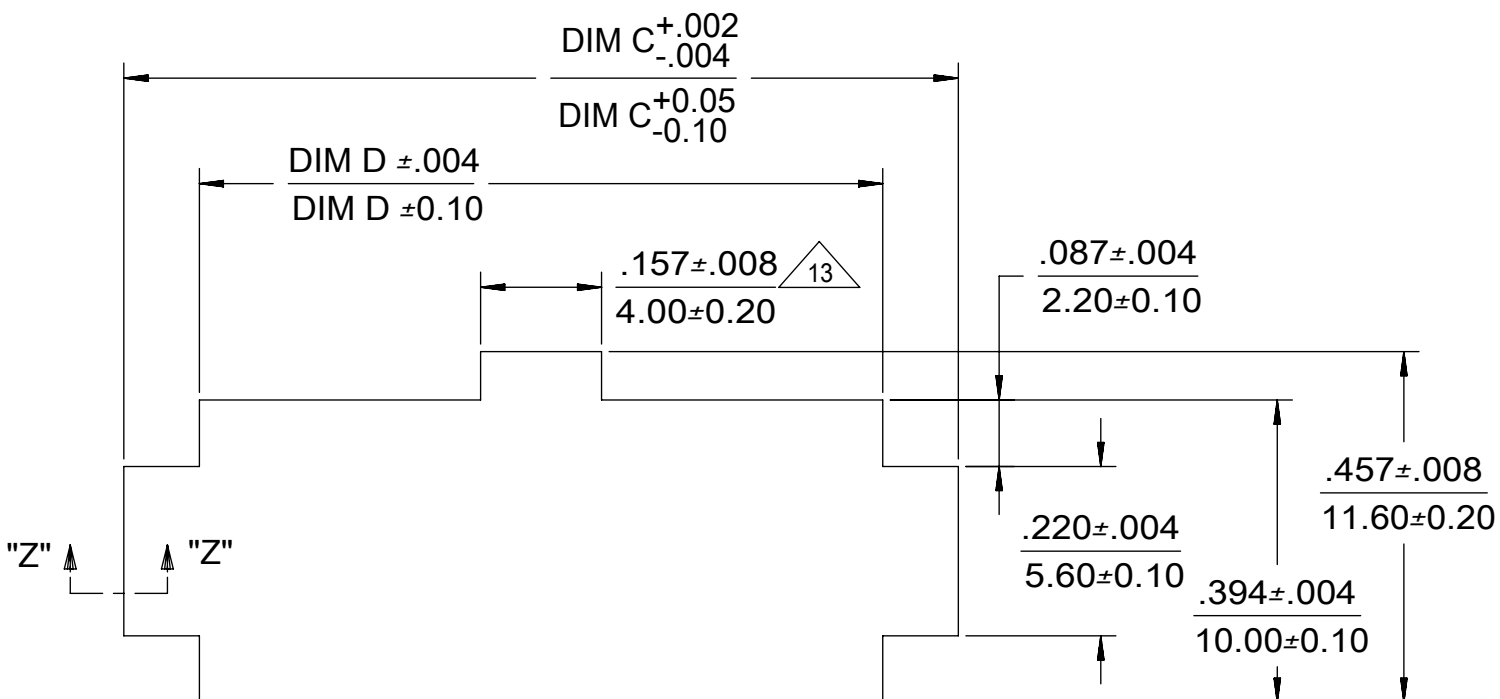
WITHOUT MOUNTING EARS
4 CIRCUIT

46993-0411
SCALE: 2X

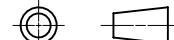


WITHOUT MOUNTING EARS
2 CIRCUIT

46993-0211
SCALE: 2X



RECOMMENDED PANEL CUTOUT
THICKNESS: .032-.079 (0.80-2.00)

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 DRWN: SAMPRS 2025/05/15 CHK'D: GGA 2025/05/21 APPR: GGA 2025/05/21				PRODUCT CUSTOMER DRAWING				
3 PLACES	±		±									
2 PLACES	±	0.25	±									
1 PLACE	±	0.38	±	INITIAL REVISION: DRWN: NNGUYEN 2013/04/11 APPR: GFSMITH 2014/05/16				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±		±					SD-46993-0000				PSD
ANGULAR TOL ± 0.5 °								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 46993		SEE TABLE GENERAL MARKET		1 OF 3

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
A12

MATERIAL NUMBER
SEE TABLE
CUSTOMER
GENERAL MARKET
SHEET NUMBER
1 OF 3

12

11

10

9

8

7

6

5

4

3

2

1

PART NUMBER

46993-0211

CKT SIZE

02

MOUNTING OPTION

WITHOUT EARS

DIM "A"

.21 / 5.4

DIM "B"

--

DIM "C"

NOT APPLICABLE

DIM "D"

NOT APPLICABLE

PACKAGING SPECIFICATION

PK-5559-002

COLOR

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

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)

12CKTS.

14CKTS.

10CKTS.

16CKTS.

8CKTS.

18CKTS.

6CKTS.

20CKTS.

4CKTS.

22CKTS.

2CKTS.

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

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516605

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

EC NO: 821949

DRWN: SAMPRS

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: NNGUYEN

APPR: FSMITH

2025/05/15

2025/05/21

2025/05/21

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

	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																							
DOCUMENT STATUS	P1	RELEASE DATE	2025/05/21	04:53:01																			
FORMS: Engage-molex-to-emo-C REVISION: E1 DATE: 2025/05/01																							

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)

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