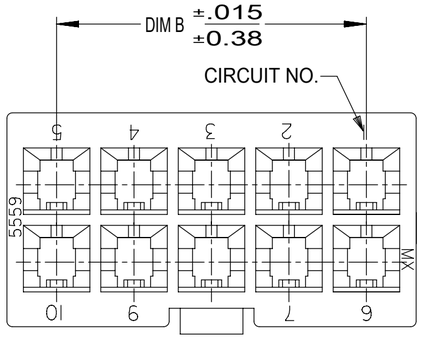
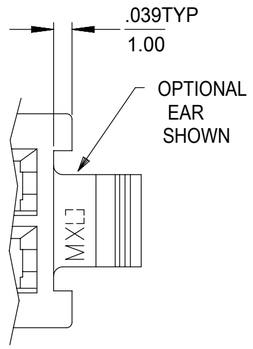
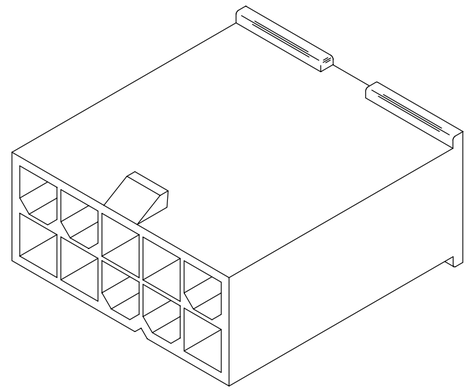
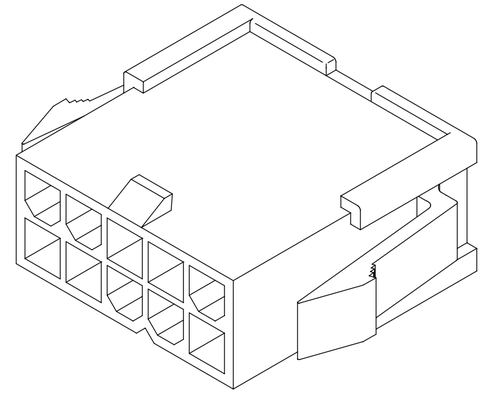






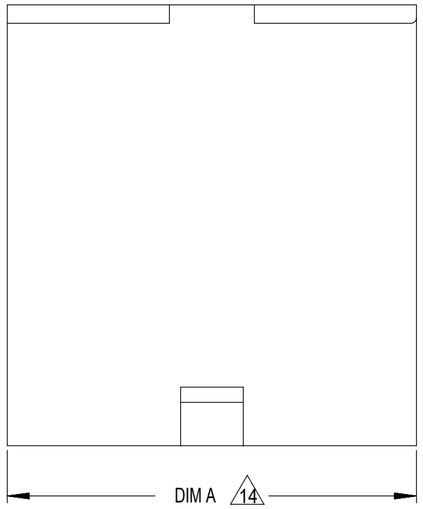
WITHOUT MOUNTING EARS
6-24 CIRCUIT

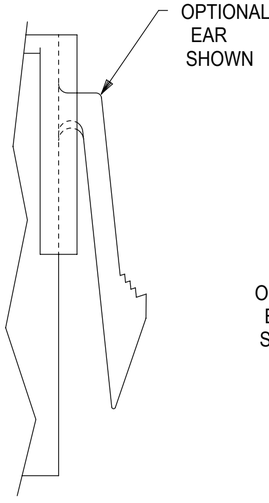
46993-**11

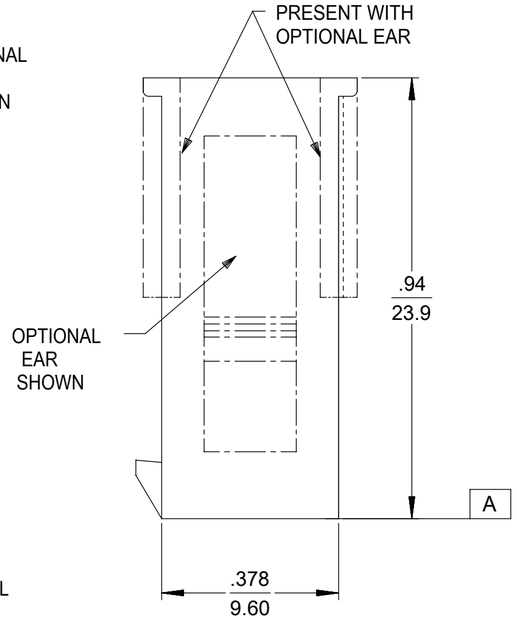


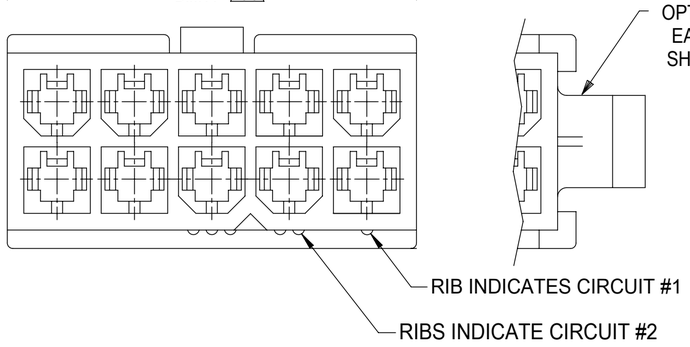
WITH MOUNTING EARS
2-24 CIRCUIT

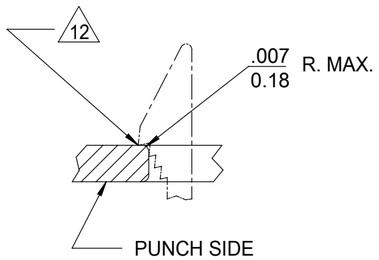
46993-**10



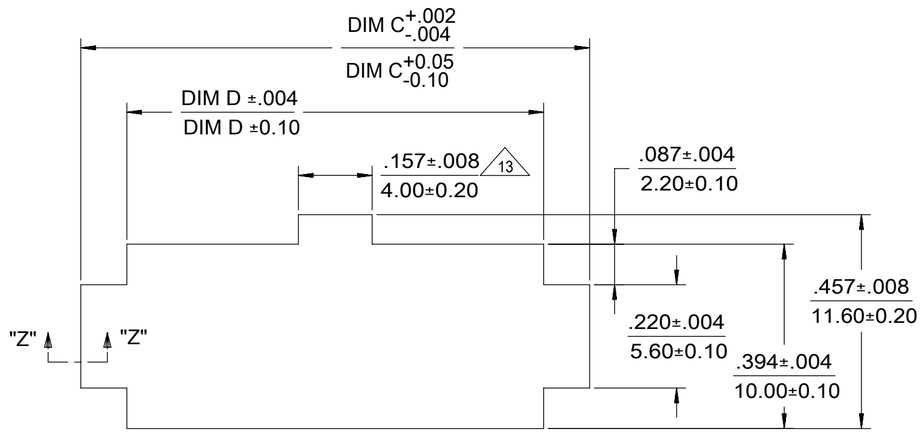








SECTION "Z"-"Z"
NO SCALE



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

WITHOUT MOUNTING EARS
4 CIRCUIT

46993-0411

SCALE: 2X

WITHOUT MOUNTING EARS
2 CIRCUIT

46993-0211

SCALE: 2X

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DIMENSION UNITS	SCALE
mm	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: 689587
DRWN: HPAN18 2021/12/20
CHK'D: XQZHANG 2021/12/21
APPR: XQZHANG 2021/12/21

INITIAL REVISION:
DRWN: NNGUYEN 2013/04/11
APPR: FSMITH 2014/05/16

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 46993

molex

MINI-FIT JR PLUG
2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46993-0000	PSD	000	A9

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

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/21 03:47:11

FORMAT: Eng-Vega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/01

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

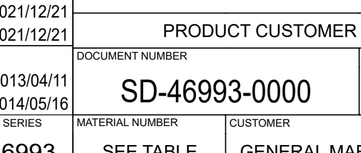
46993-***0

SERIES NUMBER

CKT SIZE

MATERIAL
(SEE NOTE 14)
0 = 225NS
1 = 225S
2 = 250RS
3 = 250GS
4 = 250BS
5 = 250WS

MOUNTING OPTION
(SEE NOTE #7)



REFERENCE FOR CIRCUIT NUMBER ORIENTATION
(OPTIONAL EARS NOT SHOWN)

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DIMENSION UNITS	SCALE
mm	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: 689587
DRWN: HPAN18 2021/12/20
CHK'D: XQZHANG 2021/12/21
APPR: XQZHANG 2021/12/21

INITIAL REVISION:
DRWN: NNGUYEN 2013/04/11
APPR: FSMITH 2014/05/16

molex

MINI-FIT JR PLUG
2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46993-0000	PSD	000	A9

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	46993	SEE TABLE	GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/21 03:47:11

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01

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		

LEGEND

46993-***0

- 46993 — SERIES NUMBER
- *** — CKT SIZE
- * — MATERIAL (SEE NOTE 14)
  - 0 = 225NS
  - 1 = 225S
  - 2 = 250RS
  - 3 = 250GS
  - 4 = 250BS
  - 5 = 250WS
- 0 — MOUNTING OPTION (SEE NOTE #7)

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

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DIMENSION UNITS	SCALE
mm	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: 689587
DRWN: HPAN18 2021/12/20
CHK'D: XQZHANG 2021/12/21
APPR: XQZHANG 2021/12/21

INITIAL REVISION:
DRWN: NNGUYEN 2013/04/11
APPR: FSMITH 2014/05/16

molex

MINI-FIT JR PLUG
2-24 CIRCUIT DUAL ROW W/ & W/O EARS GLOW WIRE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-46993-0000	PSD	000	A9

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	46993	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/21 03:47:11

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/01