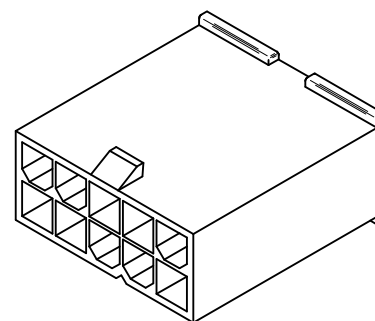
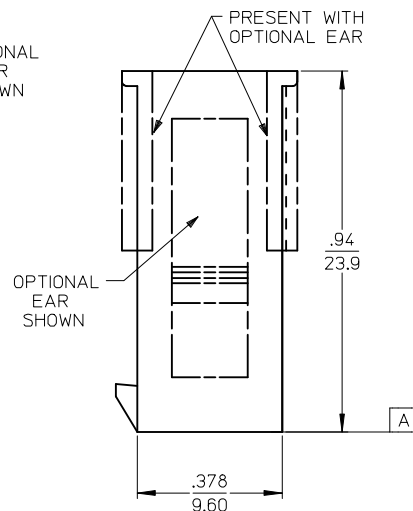
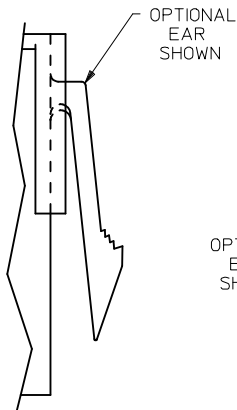
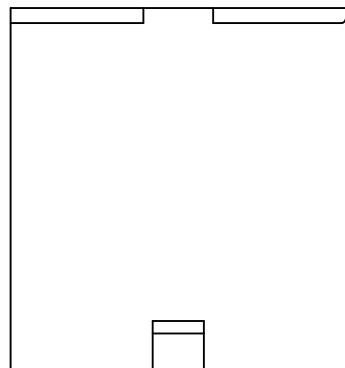
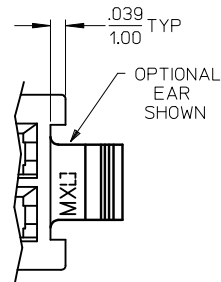
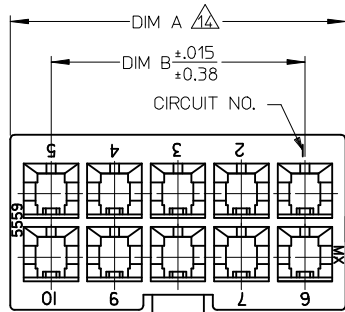
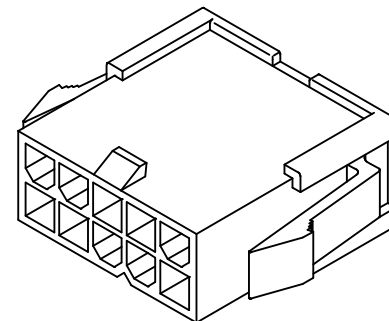




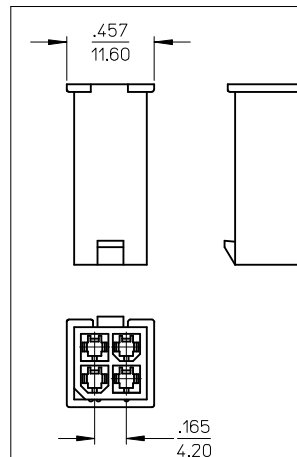
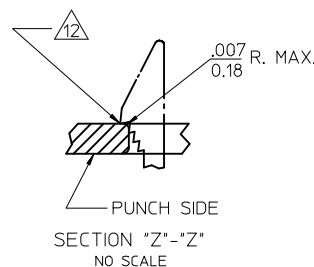
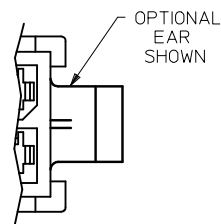
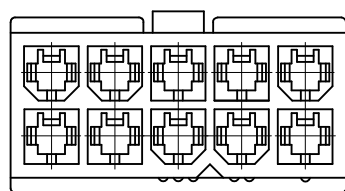
WITHOUT MOUNTING EARS
6-24 CIRCUIT

5559-24P1-225



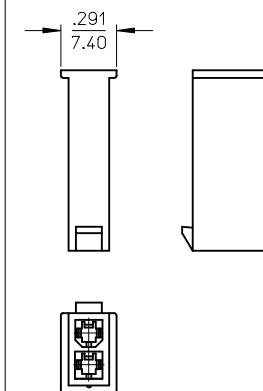
WITH MOUNTING EARS
2-24 CIRCUIT

5559-24P-225



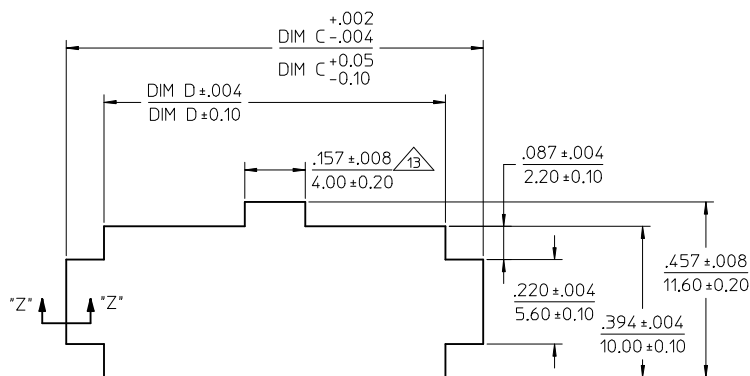
WITHOUT MOUNTING EARS
4 CIRCUIT

5559-04P1-225
SCALE: 2X



WITHOUT MOUNTING EARS
2 CIRCUIT

5559-02P1-225
SCALE: 2X



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

ADD NOT TOOLED TO -24P
EC NO: UCP2013-1370
DRWN:BBEE
CHKD:JBELL
APPR:FSMITH

2012/10/05
2012/10/05
2012/10/25

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .015
1 PLACE ± 0.38 ± ---
ANGULAR ± 1/2°

DIMENSION STYLE
IN/MM
DRAWN BY
LSCHMIDT
DATE
2007/04/25
CHECKED BY
ADERR
DATE
2007/04/27
APPROVED BY
FSMITH
DATE
2010/11/09

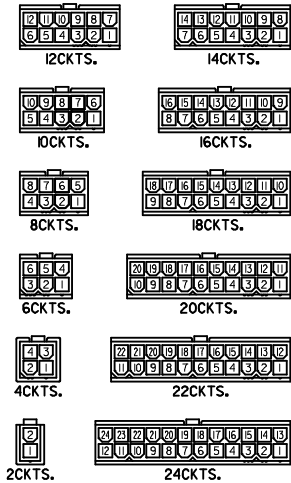
SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION
MINI-FIT JR PLUG
2-24 CIRCUIT DUAL ROW
W/ & W/O EARS GLOW WIRE
MOLEX INCORPORATED
SD-5559-425

SHEET NO.
1 OF 2

	13	12	11	10	9	8	7	6	5	4	3	2	1	
J	PART NUMBER	ENGINEERING NO.	CKT SIZE	MOUNTING OPTION	DIM "A"	DIM "B"	DIM "C"	DIM "D"	PACKAGING SPECIFICATION					
	50-36-1678	5559-02P1-225	02	WITHOUT EARS	SEE SHEET 1	--	NOT APPLICABLE	NOT APPLICABLE	PK-5559-002					
	50-36-1679	5559-04P1-225	04	WITHOUT EARS	SEE SHEET 1	.165 / 4.20	NOT APPLICABLE	NOT APPLICABLE						
	50-36-1675	5559-06P1-225	06	WITHOUT EARS	.54 / 13.8	.331 / 8.40	NOT APPLICABLE	NOT APPLICABLE						
	50-36-1737	5559-08P1-225	08	WITHOUT EARS	.71 / 18.0	.496 / 12.60	NOT APPLICABLE	NOT APPLICABLE						
	50-36-1738	5559-10P1-225	10	WITHOUT EARS	.87 / 22.2	.661 / 16.80	NOT APPLICABLE	NOT APPLICABLE						
I	26-01-3096	5559-12P1-225	12	WITHOUT EARS	1.04 / 26.4	.827 / 21.00	NOT APPLICABLE	NOT APPLICABLE						
	NOT TOOLED	5559-14P1-225	14	WITHOUT EARS	1.21 / 30.6	.992 / 25.20	NOT APPLICABLE	NOT APPLICABLE						
	50-36-1676	5559-16P1-225	16	WITHOUT EARS	1.37 / 34.8	1.158 / 29.40	NOT APPLICABLE	NOT APPLICABLE						
	50-36-1677	5559-18P1-225	18	WITHOUT EARS	1.54 / 39.0	1.323 / 33.60	NOT APPLICABLE	NOT APPLICABLE						
	NOT TOOLED	5559-20P1-225	20	WITHOUT EARS	1.70 / 43.2	1.488 / 37.80	NOT APPLICABLE	NOT APPLICABLE						
	NOT TOOLED	5559-22P1-225	22	WITHOUT EARS	1.87 / 47.4	1.654 / 42.00	NOT APPLICABLE	NOT APPLICABLE						
H	NOT TOOLED	5559-24P1-225	24	WITHOUT EARS	2.03 / 51.6	1.819 / 46.20	NOT APPLICABLE	NOT APPLICABLE	PK-5559-002					
	50-36-1734	5559-02P-225	02	WITH EARS	.21 / 5.4	--	.425 / 10.80	.228 / 5.80	PK-5559-001					
	50-36-1735	5559-04P-225	04	WITH EARS	.38 / 9.6	.165 / 4.20	.591 / 15.00	.394 / 10.00						
	50-36-1736	5559-06P-225	06	WITH EARS	.54 / 13.8	.331 / 8.40	.756 / 19.20	.559 / 14.20						
	50-36-1716	5559-08P-225	08	WITH EARS	.71 / 18.0	.496 / 12.60	.921 / 23.40	.724 / 18.40						
G	50-36-1739	5559-10P-225	10	WITH EARS	.87 / 22.2	.661 / 16.80	1.087 / 27.60	.890 / 22.60						
	50-36-1869	5559-12P-225	12	WITH EARS	1.04 / 26.4	.827 / 21.00	1.252 / 31.80	1.055 / 26.80						
	50-36-1876	5559-14P-225	14	WITH EARS	1.21 / 30.6	.992 / 25.20	1.417 / 36.00	1.224 / 31.10						
	50-36-2273	X 5559-16P-225	16	WITH EARS	1.37 / 34.8	1.158 / 29.40	1.583 / 40.20	1.390 / 35.30						
	26-01-3187	5559-18P-225	18	WITH EARS	1.54 / 39.0	1.323 / 33.60	1.748 / 44.40	1.555 / 39.50						
	NOT TOOLED	5559-20P-225	20	WITH EARS	1.70 / 43.2	1.488 / 37.80	1.913 / 48.60	1.720 / 43.70						
F	NOT TOOLED	5559-22P-225	22	WITH EARS	1.87 / 47.4	1.654 / 42.00	2.079 / 52.80	1.886 / 47.90						
	46999-0166	X 5559-24P-225	24	WITH EARS	2.03 / 51.6	1.819 / 46.20	2.244 / 57.00	2.051 / 52.10	PK-5559-001					
	X = NOT TOOLED													
E	LEGEND 5559-**P*-225 CIRCUIT SIZE PLUG MOUNTING OPTION (SEE NOTE #7) MATERIAL													
D														
C	NOTES: 1) MATERIAL: "225" = NYLON (PA6), UL94V-0, COLOR: BLACK, IEC 60335-1, 4th EDITION GLOW WIRE CAPABLE. 2) FINISH: NOT APPLICABLE 3) PRODUCT SPECIFICATION: PS-5556-001 4) PACKAGING: SEE CHART 5) PART MATES WITH MOLEX RECEPTACLE #5557. 6) PART TO BE USED WITH MOLEX MALE TERMINAL #5558. 7) MOUNTING OPTIONS: "BLANK" = WITH EARS "1" = WITHOUT EARS 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													
B														
A														
	1b_frame_C_P_AM.T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1	



REFERENCE FOR CIRCUIT NUMBER ORIENTATION
(OPTIONAL EARS NOT SHOWN)

SEE SHEET 1

EC NO: UCP2013-1370

2012/10/05

DRWN:BEE

2012/10/05

CHKD:JBELL

2012/10/25

APPR:FSMITH

REV

A9

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± .010

2 PLACES ± 0.25 ± .015

1 PLACE ± 0.38 ± ---

ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY DATE

LSCHMIDT 2007/04/25

CHECKED BY DATE

ADERR 2007/04/27

APPROVED BY DATE

FSMITH 2010/11/09

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MINI-FIT JR PLUG

2-24 CIRCUIT DUAL ROW

W/ & W/O EARS GLOW WIRE

MOLEX INCORPORATED

DOCUMENT NO.

SD-5559-425

SHEET NO.

2 OF 2

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