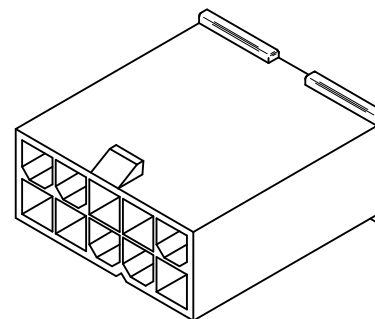
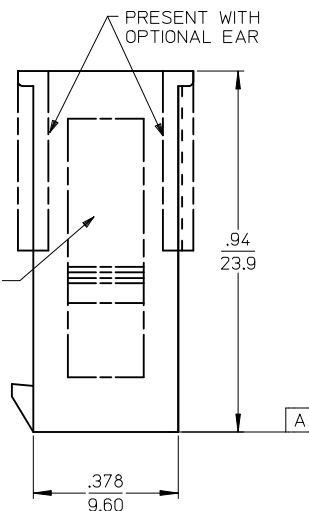
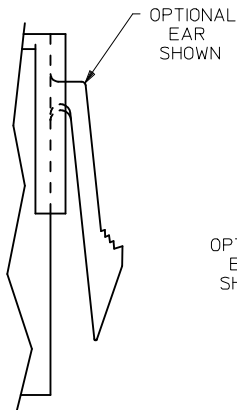
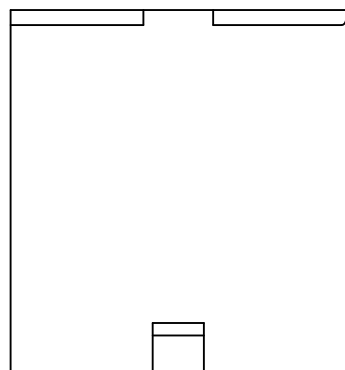
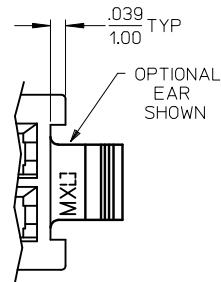
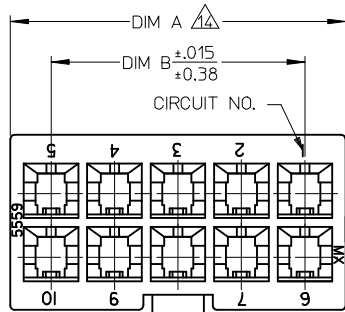
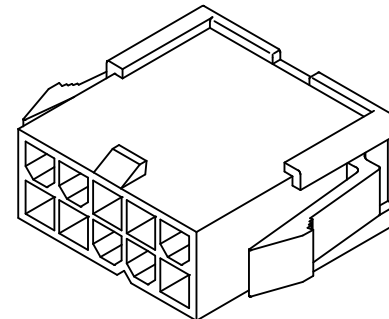




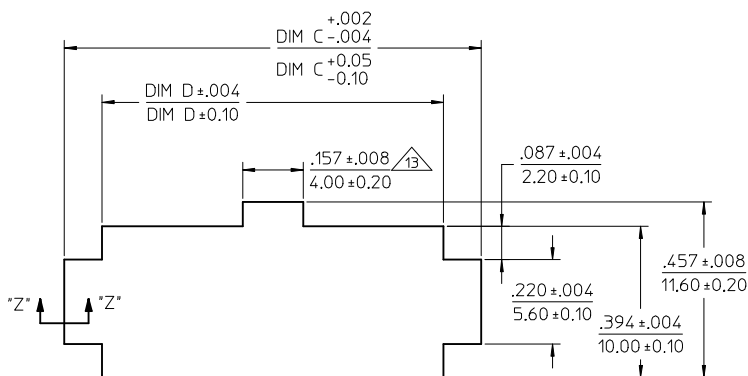
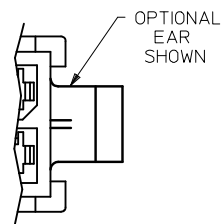
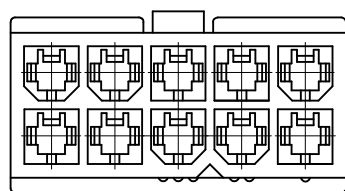
WITHOUT MOUNTING EARS
6-24 CIRCUIT

5559-24P-225

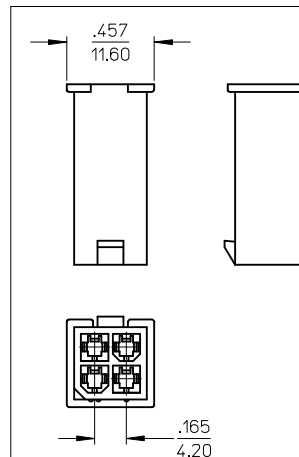
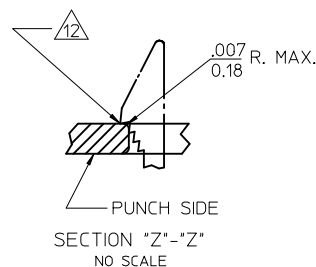


WITH MOUNTING EARS
2-24 CIRCUIT

5559-24P-225

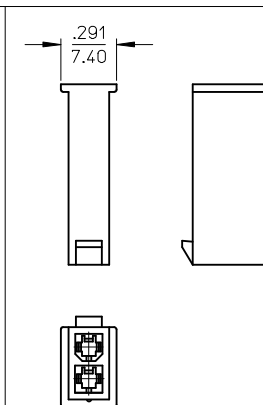


RECOMMENDED PANEL CUTOUT
THICKNESS: .032-.079 (0.80-2.00) $\triangle 12$



WITHOUT MOUNTING EARS
4 CIRCUIT

5559-04P1-225
SCALE: 2X



WITHOUT MOUNTING EARS
2 CIRCUIT

5559-02P1-225
SCALE: 2X

ADD NOT TOOLED TO -24P
EC NO: UCP2013-1370
DRWN:BBEE
CHKD:JBELL
APPR:FSMITH
REV
A9

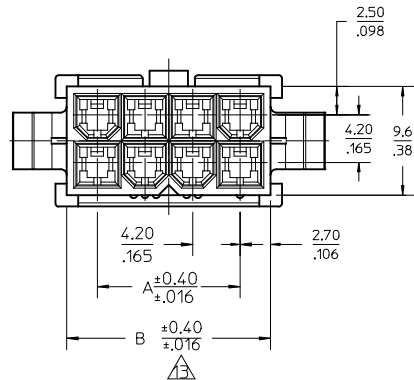
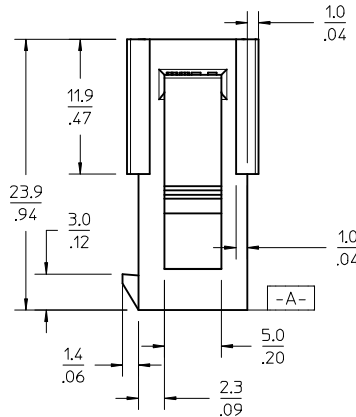
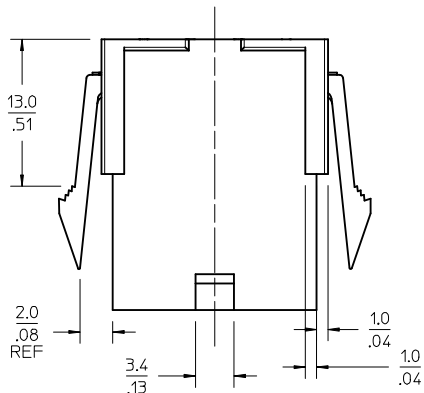
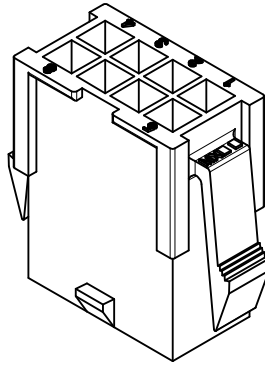
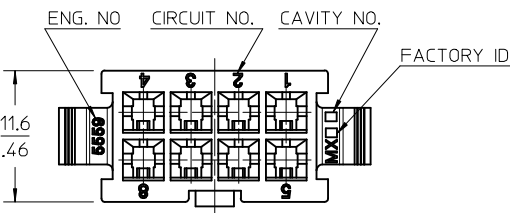
QUALITY
SYMBOLS
▽=0
▽=0
▽=0
DESCRIPTION
2012/10/05
2012/10/05
2012/10/25

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
LSCHMIDT
DATE
2007/04/25
CHECKED BY
ADERR
DATE
2007/04/27
APPROVED BY
FSMITH
DATE
2010/11/09
MATERIAL NO.
SEE SHEET 2
SIZE
C

SCALE
4:1
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.
1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

	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	SEE SHEET 1 EC NO: UCP2013-1370 2012/10/05 DRWN:BEE 2012/10/05 CHKD:JBELL 2012/10/25 APPR:FSMITH REV A9 QUALITY SYMBOLS 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 SD-5559-425 SHEET NO. 2 OF 2 MATERIAL NO. SEE CHART DOCUMENT NO. THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
A	REFERENCE FOR CIRCUIT NUMBER ORIENTATION (OPTIONAL EARS NOT SHOWN)													
	12	11	10	9	8	7	6	5	4	3	2	1		



NOTES:

1) MATERIAL:

"BLANK" = NYLON 6/6, 94V-2, COLOR: NATURAL.
"BL" = NYLON 6/6, 94V-2, COLOR: BLACK.
"BU" = NYLON 6/6, 94V-2, COLOR: BLUE.
"RE" = NYLON 6/6, 94V-2, COLOR: RED.
"210" = NYLON 6/6, 94V-0, COLOR: NATURAL.
"400" = NYLON 6/6, 94V-0, COLOR: BLACK.

2) FINISH: NOT APPLICABLE

3) PRODUCT SPECIFICATION: PS-5556-001

4) PACKAGING: BULK

5) PART MATES WITH MOLEX RECEPTACLE #5557.

6) PART TO BE USED WITH MOLEX MALE TERMINAL #5558.

7) PART IS NOT DESIGNED FOR CURRENT SHARING.

8) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

9) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.

10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.

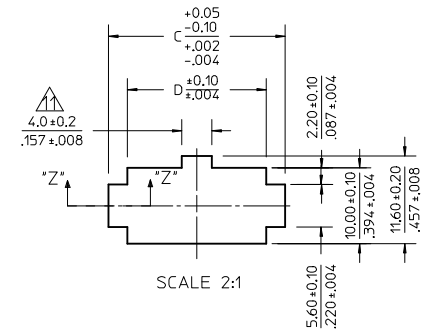
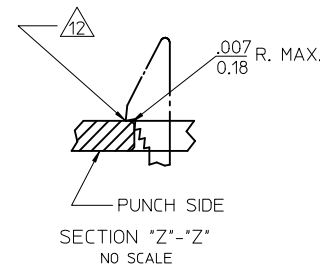
ON 2 CIRCUITS PARTS THIS DIMENSION IS ALLOWABLE UP TO "D" DIMENSION.

PANEL HOLE TO BE PUNCHED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL.

TO BE MEASURED AT SURFACE -A-

LEGEND

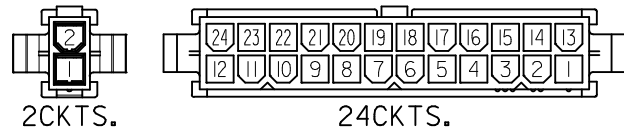
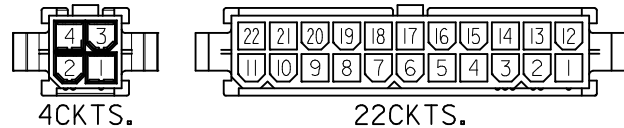
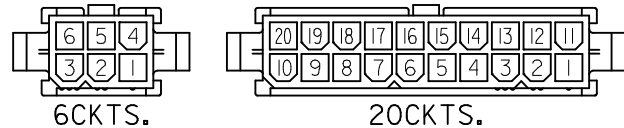
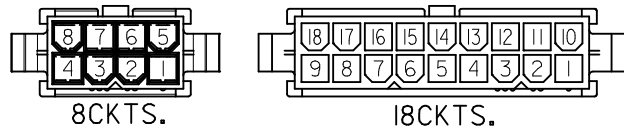
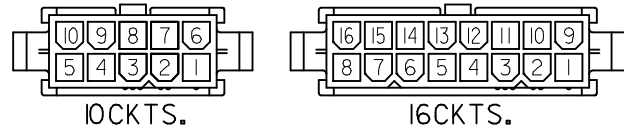
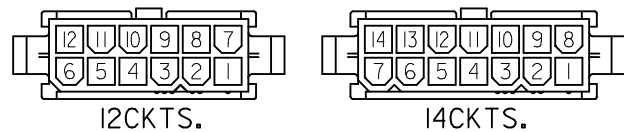
5559-** P - *
BASE NO
CIRCUIT SIZE
02-24)
HOUSING TYPE:
PLUG WITH
MOUNTING EARS
MATERIAL OPTION:
(SEE NOTE 1)



RECOMMENDED PANEL HOLE DIMENSIONS (THICKNESS : 0.8-2.0/.032-.079)

52.1/2.051	57.0/2.244	51.6/2.031	46.2/1.819	24
47.9/1.886	52.8/2.079	47.4/1.866	42.0/1.654	22
43.7/1.720	48.6/1.913	43.2/1.701	37.8/1.488	20
39.5/1.555	44.4/1.748	39.0/1.535	33.6/1.323	18
35.3/1.390	40.2/1.583	34.8/1.370	29.4/1.158	16
31.1/1.224	36.0/1.417	30.6/1.205	25.2/0.992	14
26.8/1.055	31.8/1.252	26.4/1.039	21.0/0.827	12
22.6/0.890	27.6/1.087	22.2/0.874	16.8/0.661	10
18.4/0.724	23.4/0.921	18.0/0.709	12.6/0.496	8
14.2/0.559	19.2/0.756	13.8/0.543	8.4/0.331	6
10.0/0.394	15.0/0.591	9.6/0.378	4.2/0.165	4
5.8/0.228	10.8/0.425	5.4/0.213	—	2
D	C	B	A	CIRCUIT

ADD NOTE 13 EC NO: UCP2013-1698 2012/11/01 DRWN:BBEE CHKD:JBELL 2012/11/01 APPR:FSMITH 2012/11/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
						MM/IN		3:1	METRIC			
						DRAWN BY DATE		TITLE				
			4 PLACES ± --- ± ---			H.HIRAMOTO 1988/10/14		MINI. FIT JR DUAL ROW 2-24CKT PLUG HOUSING WITH EARS				
			3 PLACES ± --- ± .012			CHECKED BY DATE						
			2 PLACES ± .30 ± .016			Y.YAMADA 1988/10/21		MOLEX INCORPORATED				
			1 PLACE ± .40 ± ---			APPROVED BY DATE						
			ANGULAR ± 3 °			M.ENOMOTO 1988/10/24		SD-5559-NP				
						MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SHEET NO. 1 OF 2				
			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



CIRCUIT SIZE LAYOUT (SCALE : 2-1)

V-2 BLACK			V-0 BLACK		
46999-0157	5559-24P-BL	24	46999-0304	5559-24P-400	24
		22	46999-0303	5559-22P-400	22
39-02-8205	5559-20P-BL	20	46999-0302	5559-20P-400	20
		18	46999-0301	5559-18P-400	18
		16	46999-0300	5559-16P-400	16
		14	46999-0299	5559-14P-400	14
		2	46999-0298	5559-12P-400	2
		10	46999-0297	5559-10P-400	10
		8	46999-0296	5559-08P-400	8
39-02-8065	5559-06P-BL	6	46999-0295	5559-06P-400	6
39-02-8045	5559-04P-BL	4	46999-0294	5559-04P-400	4
		2	46999-0293	5559-02P-400	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

V-2 BLUE			V-2 RED			V-0 NATURAL			V-2 NATURAL		
		24			24	39-01-2246	5559-24P-210	24	39-01-2241	5559-24P	24
		22			22	↑ -2226	↑ -22P-210	22	↑ -2221	↑ -22P	22
		20			20	↑ -2206	↑ -20P-210	20	↑ -2201	↑ -20P	20
		18			18	↑ -2186	↑ -18P-210	18	↑ -2181	↑ -18P	18
		16			16	↑ -2166	↑ -16P-210	16	↑ -2161	↑ -16P	16
		14			14	↑ -2146	↑ -14P-210	14	↑ -2141	↑ -14P	14
		2			2	↑ -2126	↑ -12P-210	2	↑ -2121	↑ -12P	12
		10			10	↑ -2106	↑ -10P-210	10	↑ -2101	↑ -10P	10
		8			8	↑ -2086	↑ -08P-210	8	↑ -2081	↑ -08P	8
		6			6	↑ -2066	↑ -06P-210	6	↑ -2061	↑ -06P	6
39-02-8046	5559-04P-BU	4	39-02-8067	5559-06P-RE	4	↓ -2046	↓ -04P-210	4	↓ -2041	↓ -04P	4
		2			2	39-01-2026	5559-02P-210	2	39-01-2021	5559-02P	2
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

SEE SHEET 1 EC NO: UCP2013-1698 2012/11/01 DRWN:BBEE 2012/11/01 CHKD:JBELL 2012/11/06 APPR:FSM/TH	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	2:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± --- ±.012	H.HIRAMOTO	1988/10/14	MINI. FIT JR DUAL ROW	
	▽=0	2 PLACES ±.30 ±.016	CHECKED BY	DATE	2-24CKT PLUG HOUSING	
		1 PLACE ±.40 ± ---	Y. YAMADA	1988/10/21	WITH EARS	
		ANGULAR ± 3 °	APPROVED BY	DATE	MOLEX INCORPORATED	
			M. ENOMOTO	1988/10/24	SD-5559-NP	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			SEE CHART		2 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			