

CIRCUIT SIZE	DIM. 'A'	DIM. 'B'
2	.21 (5.4)	—
4	.38 (9.6)	.17 (4.2)
6	.54 (13.8)	.33 (8.4)
8	.71 (18.0)	.50 (12.6)
10	.87 (22.2)	.66 (16.8)
12	1.04 (26.4)	.83 (21.0)
14	1.20 (30.6)	.99 (25.2)
16	1.37 (34.8)	1.16 (29.4)
18	1.54 (39.0)	1.32 (33.6)
20	1.70 (43.2)	1.49 (37.8)
22	1.87 (47.4)	1.65 (42.0)
24	2.03 (51.6)	1.82 (46.2)

**LEGEND**

BASE NUMBER 5566 - N \* \* \* \* \*

CIRCUIT SIZE

ASS'Y TYPE  
A : WITHOUT DRAIN HOLES  
B : WITH DRAIN HOLES

TERMINAL MATERIAL  
SEE NOTE 1

TERMINAL PLATING  
SEE NOTE 2

HOUSING MATERIAL  
SEE NOTE 1

COLOR OR PACKAGING  
BL : BLACK RE : RED GR : GRAY  
BU : BLUE YE : YELLOW GRE : GREEN  
V : VIOLET OR : ORANGE  
TA : TRAY PACKAGING SEE NOTE 4

**NOTES:**

1. MATERIALS:  
HOUSING:  
"BLANK"-NYLON 6/6, UL94V-2, COLOR: NATURAL  
"210"-NYLON 6/6, UL94V-0, COLOR: NATURAL  
"400"-NYLON 6/6, UL94V-0, COLOR: BLACK

TERMINALS:  
"BLANK" = BRASS  
"PB" = PHOSPHOR BRONZE

2. TERMINAL PLATING:  
"BLANK" = BRIGHT TIN 0.00035/(0.00090) MIN.  
OVER COPPER .00020/(0.00050) MIN. (BRASS)  
TIN .00035/(0.00090) MIN. REFLOW TREATMENT  
OR BRIGHT TIN .00035/(0.00090) MIN. (PHOSPHOR BRONZE)  
"S"=.000100/(0.00254) MIN. BRIGHT TIN OVER  
.000050/(0.00127) MIN. NICKEL  
"GS2"=.00015/(0.0038) MIN. SELECT GOLD AND  
.00100/(0.00254) MIN. SELECT MATTE TIN  
OVER .000050/(0.00127) MIN. NICKEL OVERALL  
"GS"=.00030/(0.0076) MIN. SELECT GOLD AND  
.00100/(0.00254) MIN. SELECT MATTE TIN  
OVER .000050/(0.00127) MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING: "BLANK"= BULK PACKED, "TA"=TRAY PACK PER PK-5566-001

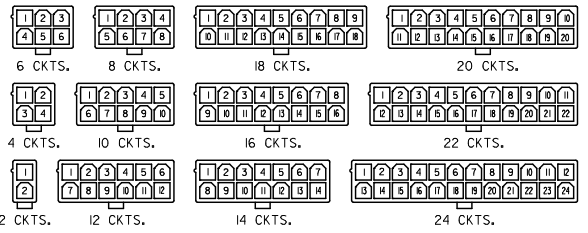
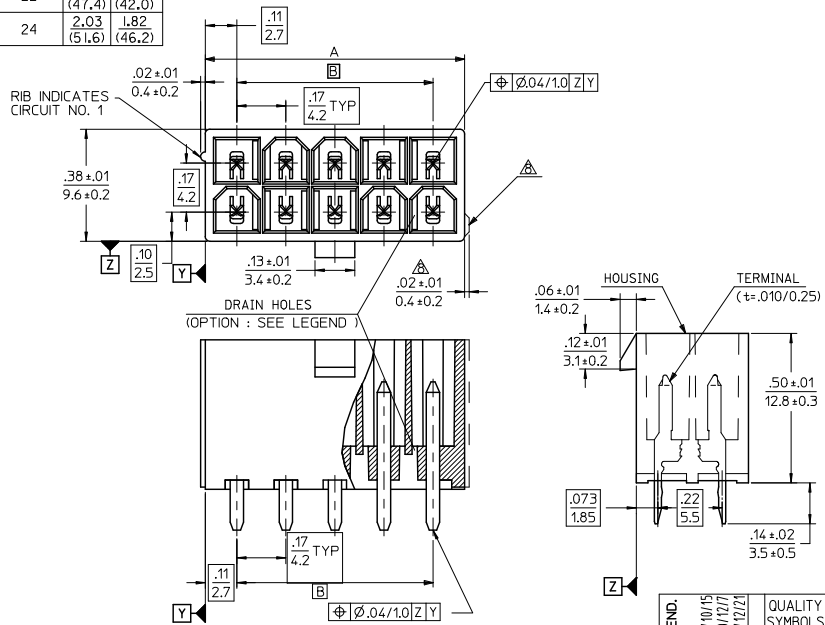
5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.

6. PART IS NOT DESIGNED FOR CURRENT SHARING.

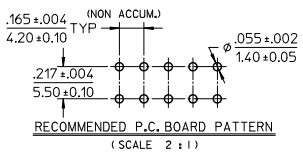
7. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.

8. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.

9. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



CIRCUIT SIZE LAYOUT



ADD COLORS TO LEGEND: EC NO. UCP2011-1675 DRAWN: JAGUILAR 20/01/15 CHKD: BELL 20/01/17 APPROV: SMITH 20/01/21	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED):	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± .005 ± .005 3 PLACES ± .005 ± .005 2 PLACES ± .010 ± .010 1 PLACE ± .025 ± .025 ANGULAR ± 3°	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	DOCUMENT NO. SD-5566-002		SHEET NO. 1 OF 6	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10	9	8	7	6	5	4	3	2	1	
39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210	39-30-6242	5566-24AS-210	39-28-8240	5566-24A-210	24
▲ -5227	▲ -22APB-210	▲ -9225	▲ -22AGS2-210	▲ -6228	▲ -22AGS-210	▲ -6222	▲ -22AS-210	▲ -8220	▲ -22A-210	22
-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210	-6202	-20AS-210	-8200	-20A-210	20
-5187	-18APB-210	-9185	-18AGS2-210	-6188	-18AGS-210	-6182	-18AS-210	-8180	-18A-210	18
-5167	-16APB-210	-9165	-16AGS2-210	-6168	-16AGS-210	-6162	-16AS-210	-8160	-16A-210	16
-5147	-14APB-210	-9145	-14AGS2-210	-6148	-14AGS-210	-6142	-14AS-210	-8140	-14A-210	14
-5127	-12APB-210	-9125	-12AGS2-210	-6128	-12AGS-210	-6122	-12AS-210	-8120	-12A-210	12
-5107	-10APB-210	-9105	-10AGS2-210	-6108	-10AGS-210	-6102	-10AS-210	-8100	-10A-210	10
-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210	-6082	-08AS-210	-8080	-08A-210	8
-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210	-6062	-06AS-210	-8060	-06A-210	6
▼ -5047	▼ -04APB-210	▼ -9045	▼ -04AGS2-210	▼ -6048	▼ -04AGS-210	▼ -6042	▼ -04AS-210	▼ -8040	▼ -04A-210	4
39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		
39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24
▲ -5226	▲ -22APB	▲ -9224	▲ -22AGS2	▲ -0223	▲ -22AGS	▲ -6221	▲ -22AS	▲ -1223	▲ -22A	22
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	20
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	18
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	16
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	14
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	12
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	10
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	8
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	6
▼ -5046	▼ -04APB	▼ -9044	▼ -04AGS2	▼ -0043	▼ -04AGS	▼ -6041	▼ -04AS	▼ -1043	▼ -04A	4
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA		

PARTS WITH OUT DRAIN HOLES

REVISED EC NO: UCP2010-1083 DRW: JAGUILAR 2010/02/05 CHKD: BELL 2010/02/08 APPR: SMITH 2010/02/10 L2 REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-	
	10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED	
	30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	DOCUMENT NO. SD-5566-002	SHEET NO. 2 OF 6
ANGULAR ± --- °		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						