

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

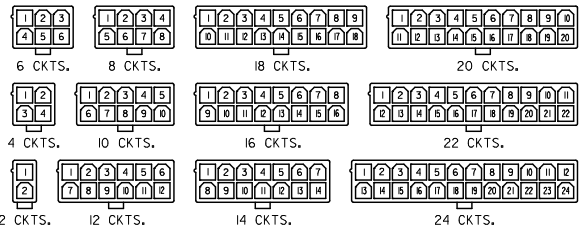
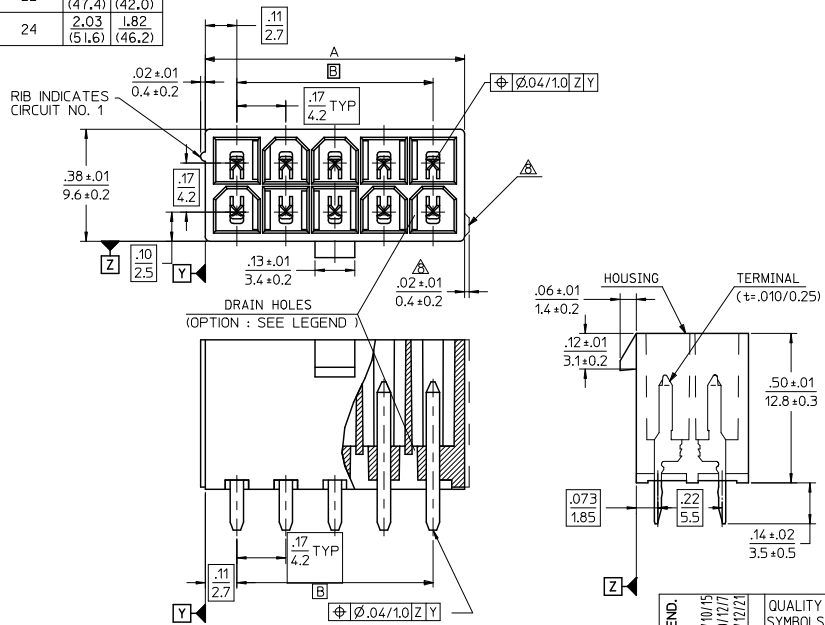
TERMINAL PLATING  
SEE NOTE 2

HOUSING MATERIAL  
SEE NOTE 1

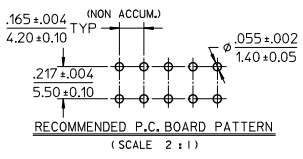
COLOR OR PACKAGING  
BL : BLACK RE : RED GR : GRAY  
BU : BLUE YE : YELLOW GRE : GREEN  
V : VIOLET OR : ORANGE  
TA : TRAY PACKAGING SEE NOTE 4

**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/(0.00076) 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 20/10/15 CHKD: BELL 20/10/17 APPROV: SMITH 20/10/17	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-	APPROVED BY M. FUKUSHIMA
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO. SD-5566-002	DOCUMENT NO.	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	
F	39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
	▲ -9227	▲ -22BGS2-210	▲ -0228	▲ -22BGS-210	▲ -0222	▲ -22BS-210	▲ -0220	▲ -22B-210	▲ -6224	▲ -22APBS-210	22
	-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210	20
	-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210	18
	-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210	16
	-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210	14
	-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210	12
	-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210	10
	-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210	8
	-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210	6
	▼ -9047	▼ -04BGS2-210	▼ -0048	▼ -04BGS-210	▼ -0042	▼ -04BS-210	▼ -0040	▼ -04B-210	▼ -6044	▼ -04APBS-210	4
	39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2
E	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
	5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
	39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24
	▲ -9226	▲ -22BGS2	▲ -0227	▲ -22BGS	▲ -0221	▲ -22BS	▲ -3226	▲ -22B	▲ -6223	▲ -22APBS	22
	-9206	-20BGS2	-0207	-20BGS	-0201	-20BS	-3206	-20B	-6203	-20APBS	20
	-9186	-18BGS2	-0187	-18BGS	-0181	-18BS	-3186	-18B	-6183	-18APBS	18
	-9166	-16BGS2	-0167	-16BGS	-0161	-16BS	-3166	-16B	-6163	-16APBS	16
	-9146	-14BGS2	-0147	-14BGS	-0141	-14BS	-3146	-14B	-6143	-14APBS	14
	-9126	-12BGS2	-0127	-12BGS	-0121	-12BS	-3126	-12B	-6123	-12APBS	12
	-9106	-10BGS2	-0107	-10BGS	-0101	-10BS	-3106	-10B	-6103	-10APBS	10
	-9086	-08BGS2	-0087	-08BGS	-0081	-08BS	-3086	-08B	-6083	-08APBS	8
	-9066	-06BGS2	-0067	-06BGS	-0061	-06BS	-3066	-06B	-6063	-06APBS	6
	-9046	-04BGS2	-0047	-04BGS	-0041	-04BS	-3046	-04B	-6043	-04APBS	4
	39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2
	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
	5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS		
C	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPBS	39-31-0243	5566-24BPB	39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	24
	▲ -0225	▲ -22BPBS	▲ -0223	▲ -22BPB	▲ -0223	▲ -22BPB	▲ -0226	▲ -22BPBS-210	▲ -0224	▲ -22BPB-210	22
	-0205	-20BPBS	-0203	-20BPB	-0203	-20BPB	-0206	-20BPBS-210	-0204	-20BPB-210	20
	-0185	-18BPBS	-0183	-18BPB	-0183	-18BPB	-0186	-18BPBS-210	-0184	-18BPB-210	18
	-0165	-16BPBS	-0163	-16BPB	-0163	-16BPB	-0166	-16BPBS-210	-0164	-16BPB-210	16
	-0145	-14BPBS	-0143	-14BPB	-0143	-14BPB	-0146	-14BPBS-210	-0144	-14BPB-210	14
	-0125	-12BPBS	-0123	-12BPB	-0123	-12BPB	-0126	-12BPBS-210	-0124	-12BPB-210	12
	-0105	-10BPBS	-0103	-10BPB	-0103	-10BPB	-0106	-10BPBS-210	-0104	-10BPB-210	10
	-0085	-08BPBS	-0083	-08BPB	-0083	-08BPB	-0086	-08BPBS-210	-0084	-08BPB-210	8
	-0065	-06BPBS	-0063	-06BPB	-0063	-06BPB	-0066	-06BPBS-210	-0064	-06BPB-210	6
	▼ -0045	▼ -04BPBS	▼ -0043	▼ -04BPB	▼ -0043	▼ -04BPB	▼ -0046	▼ -04BPBS-210	▼ -0044	▼ -04BPB-210	4
	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	39-31-0023	5566-02BPB	39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	2
B	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
	5566-NBPBS		5566-NBPB		5566-NBPBS-210		5566-NBPB-210				

PARTS WITH DRAIN HOLES

SEE SHEET 1 EC NO: UCP2010-2614 DRWN: JAGUILAR 2010/04/09 CHKD: BELL 94/04/20 APPR: SMITH 2010/04/14 REV: L3	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. 3 OF 6		
ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	