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

5566 - N * * * - * - *

BASE NUMBER

CIRCUIT SIZE

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

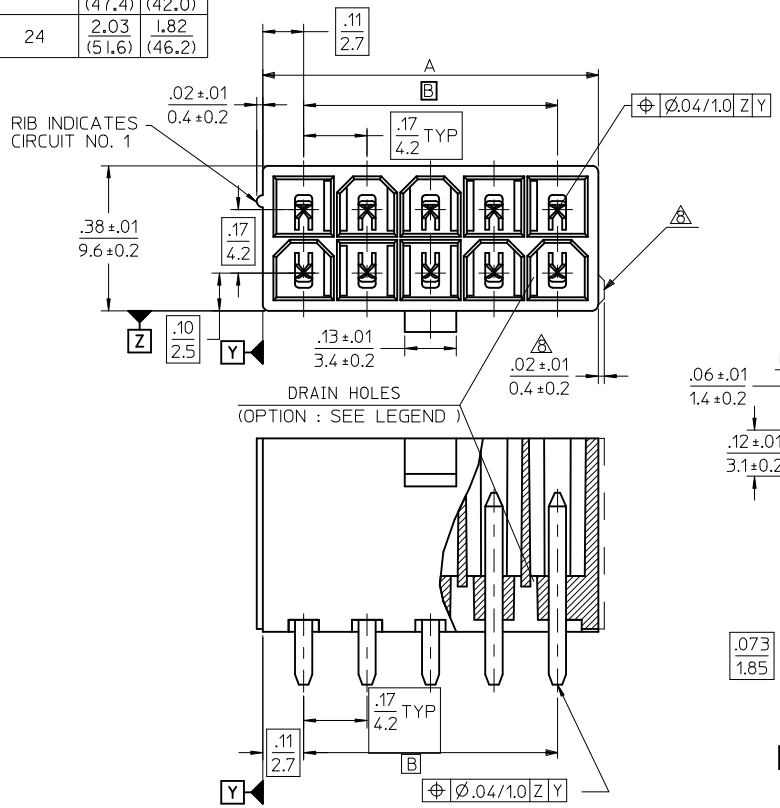
TERMINAL MATERIAL
SEE NOTE 1

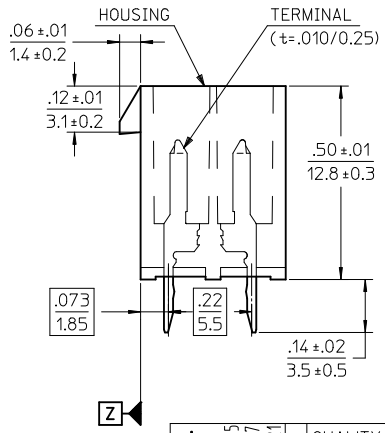
TERMINAL PLATING
SEE NOTE 2

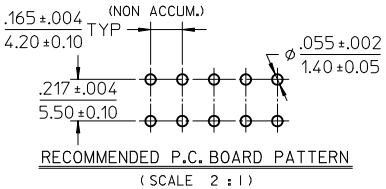
HOUSING MATERIAL
SEE NOTE 1

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

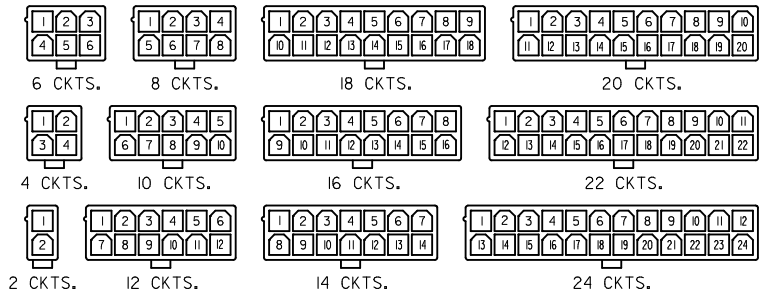
NOTES:
1. MATERIALS:
HOUSING:
'BLANK'=NYLON 6/6, UL94V-2, COLOR: NATURAL
"210" =NYLON 6/6, UL94V-0, COLOR: NATURAL
"400"=NYLON 6/6, UL94V-0, COLOR: BLACK
TERMINALS:
"BLANK" = BRASS
"PB" = PHOSPHER BRONZE
2. TERMINAL PLATING:
"BLANK" = BRIGHT TIN 000035/(0.00090) MIN.
OVER COPPER .000020/(0.00050) MIN. (BRASS)
TIN .000035/(0.00090) MIN. REFLOW TREATMENT
OR BRIGHT TIN .000035/(0.00090) MIN. (PHOSHOR BRONZE)
"S"=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN NICKEL
"GS2"=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"GS"=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(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.







RECOMMENDED P.C. BOARD PATTERN
(SCALE 2 : 1)



CIRCUIT SIZE LAYOUT

ADD COLORS TO LEGEND.
EC NO: UCP2011-1675 2010/10/15
DRWN: JJAGUILAR 2010/12/7
CHKD: JBELL
APPR: FSMITH 2010/12/21
DESCRIPTION
REV L4

QUALITY SYMBOLS
E =0
E =0
E =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± .13	± .010
1 PLACE	± .25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	H.HIRAMOTO	'89/04/03
CHECKED BY	M.FUKUSHIMA	'94/04/20
APPROVED BY	M.FUKUSHIMA	'94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-5566-002
SHEET NO.: 1 OF 6

SIZE C

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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 2010/02/05
DRWN:JJAGUILAR 2010/02/08
CH'KD:JBELL 2010/02/10
APPR:FSMITH
DESCRIPTION
REV
L2

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR ±--- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM	SCALE: ---	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: H.HIRAMOTO DATE: '89/04/03			
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20			
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20			
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-5566-002	SHEET NO.: 2 OF 6	

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

SIZE A3

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