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
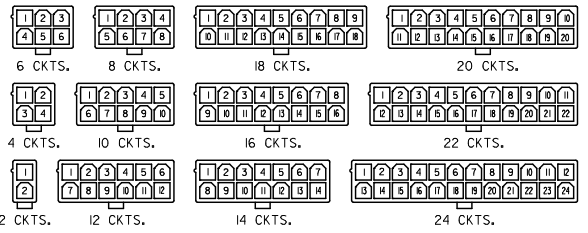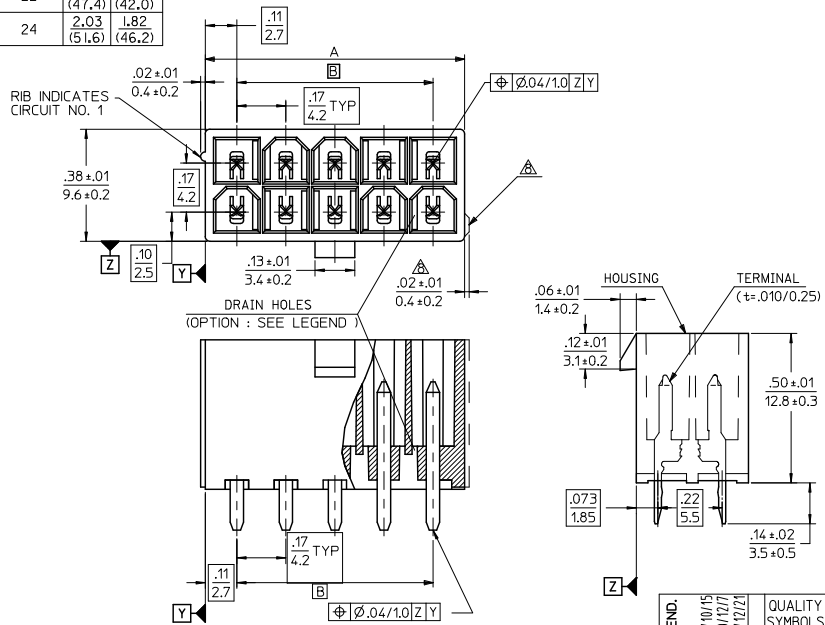4. PACKAGING: "BLANK"= BULK PACKED, "TA"=TRAY PACK PER PK-5566-001
5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.
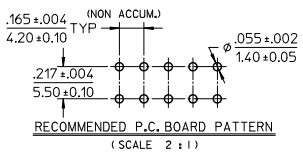6. PART IS NOT DESIGNED FOR CURRENT SHARING.
7. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED
   WHILE CIRCUITS ARE LIVE.
8. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON
   HOUSINGS.
9. PART CONFORMS TO CLASS "B" REQUIREMENTS OF
   COSMETIC SPECIFICATION PS-45499-002.

RIB INDICATES CIRCUIT NO. 1
.02 ±.01 / 0.4 ±0.2
.11 / 2.7
.17 / 4.2 TYP
⌖ Ø.04/1.0 Z Y
.38 ±.01 / 9.6 ±0.2
.17 / 4.2
.10 / 2.5
.13 ±.01 / 3.4 ±0.2
.02 ±.01 / 0.4 ±0.2

DRAIN HOLES (OPTION : SEE LEGEND)

HOUSING   TERMINAL (t=.010/0.25)
.06 ±.01 / 1.4 ±0.2
.12 ±.01 / 3.1 ±0.2
.50 ±.01 / 12.8 ±0.3
.073 / 1.85
.22 / 5.5
.14 ±.02 / 3.5 ±0.5

.17 / 4.2 TYP
.11 / 2.7
⌖ Ø.04/1.0 Z Y

.165 ±.004 / 4.20 ±0.10 (NON ACCUM.) TYP
.055 ±.002 / 1.40 ±0.05 φ
.217 ±.004 / 5.50 ±0.10

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

CIRCUIT SIZE LAYOUT

6 CKTS.   8 CKTS.   18 CKTS.   20 CKTS.
4 CKTS.   10 CKTS.   16 CKTS.   22 CKTS.
2 CKTS.   12 CKTS.   14 CKTS.   24 CKTS.

ADD COLORS TO LEGEND.
EC NO: UCP2011-1675
DRWN:J JAGUILAR 2010/10/15
CHKD:J BELL 2010/12/7
APPR:FSMITH 2010/12/21
L4

QUALITY SYMBOLS
∇ = Ø
∇ = Ø
∇ = Ø

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

DRAWN BY: H.HIRAMOTO   DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA   DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA   DATE: '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
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_C_P_ME_T
Rev. F 2009/06/18

Top column reference: 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

PARTS WITH OUT DRAIN HOLES

Table (−210 series)

EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
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		

Table (non −210 series)

EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
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		

Title Block

REVISED
EC. NO: UCP2010-1083
DRWN: J.AGUILAR
CHKD: JBELL
APPR: F.SMITH

DESCRIPTION: 2010/02/05, 2010/02/08, 2010/02/10
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	DATE
	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.: 2 OF 6
SIZE: A3

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