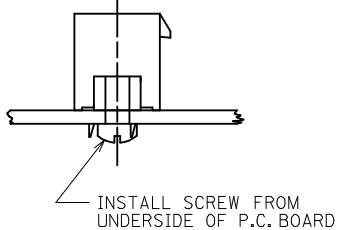
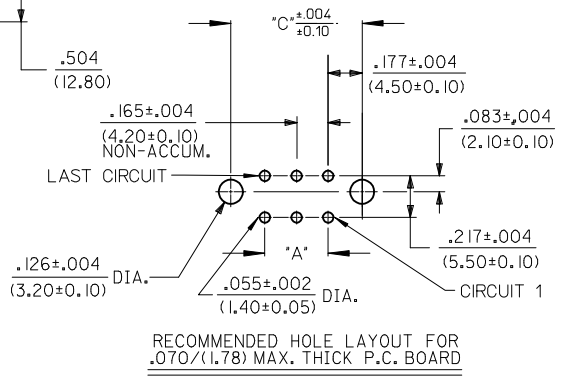
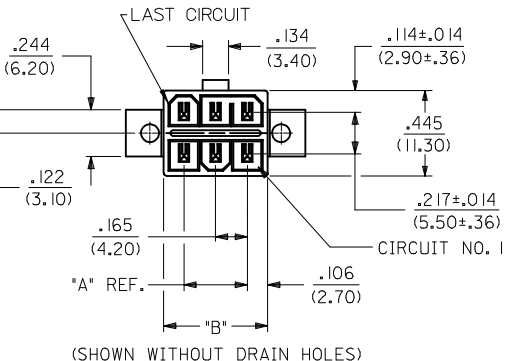
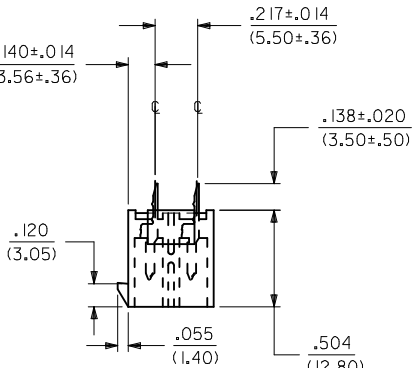
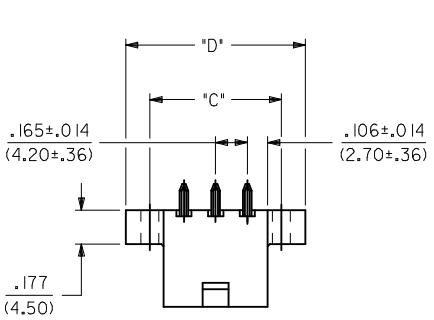


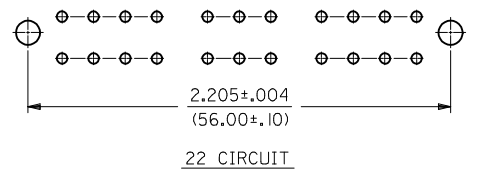
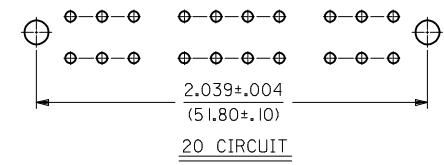
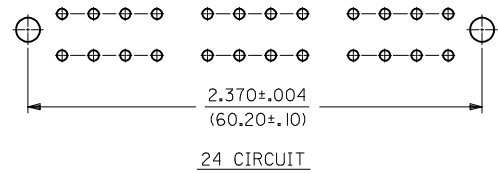
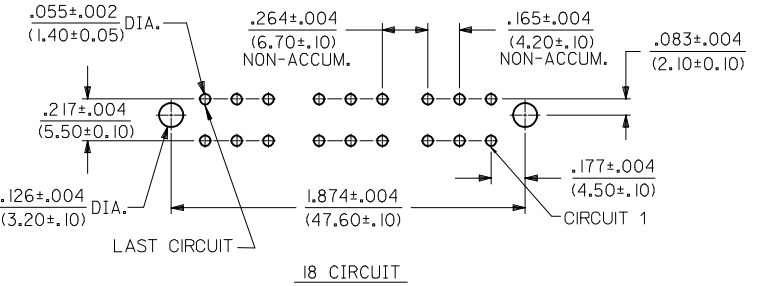
NOTES:

- HOUSING MAT'L.: POLYESTER, UNFILLED, 94V-0. COLOR: BLACK.
TERMINAL MATERIAL: BRASS ALLOY 260.
- PLATINGS:
1 = .000035/(.00090) MIN. BRIGHT TIN OVER
.000020/(.00050) MIN. COPPER.
*2 = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. SELECT MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
*THE PRIMARY SHIPPING CARTON WILL BE LABELED
"COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV ANNEX II OF DIRECTIVE 2000/53/EC."
CARTONS WITHOUT THIS LABEL MAY CONTAIN
PRODUCT WITH TIN-LEAD PLATING.
- PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:
SEE PS-5556-003
- PACKAGING SPECIFICATION: BULK PACKED
- PART IS DESIGNED FOR USE WITH 4-40 OR M3 SCREWS.
- PART MATES WITH RECEPTACLE 30067-*
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

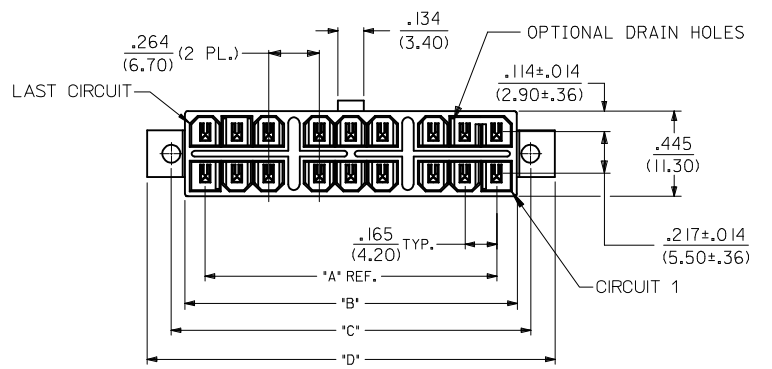


PCB LAYOUT FOR 2-16 CIRCUIT PARTS WITH FLANGES

LAYOUT FOR 18-24 CIRCUIT PARTS WITH FLANGES



FLANGE MOUNT
(SEE SHT. 2 FOR PARTS WITH PEGS)



| ADD SEL GOLD P/N'S EC NO: UCP2009-0759 DRAWN: J.KLOSTERMEIER 2008/09/30 CHKD: J.BELL 2008/10/03 APPR: F.SMITH 2008/10/03 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>±.010</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.25</td> <td>±.014</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.36</td> <td>±---</td> </tr> </table> ANGULAR ±1/2° | | mm | INCH | 4 PLACES ± | --- | --- | 3 PLACES ± | --- | ±.010 | 2 PLACES ± | 0.25 | ±.014 | 1 PLACE ± | 0.36 | ±--- | DIMENSION STYLE IN/MM DRAWN BY: RJF DATE: 9/19/91 CHECKED BY: GEP DATE: 9/19/91 APPROVED BY: RAS DATE: 9/19/91 | SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION | TITLE: MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|------|------------|-----|-----|------------|-----|-------|------------|------|-------|-----------|------|------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | |
| | 4 PLACES ± | --- | --- | | | | | | | | | | | | | | | | | |
| | 3 PLACES ± | --- | ±.010 | | | | | | | | | | | | | | | | | |
| 2 PLACES ± | 0.25 | ±.014 | | | | | | | | | | | | | | | | | | |
| 1 PLACE ± | 0.36 | ±--- | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE CHARTS | DOCUMENT NO. SDA-30069-**** | SHEET NO. 1 OF 4 | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | |

| TIN-PLATED ASSEMBLIES WITH FLANGES, WITHOUT DRAIN HOLES. | | | | | | | GOLD-PLATED ASSEMBLIES WITH FLANGES, WITHOUT DRAIN HOLES. | | | | | |
|----------------------------------------------------------|--------------|------------|------------------|------------------|------------------|------------------|-----------------------------------------------------------|------------|------------------|------------------|------------------|------------------|
| CKT. SIZE | ENG. NO. | EDP. NO. | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" | ENG. NO. | EDP. NO. | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" |
| 2 | A-30069-02A1 | I5-97-7022 | — | .213 (5.40) | .354 (9.00) | .606 (15.40) | A-30069-02A2 | I5-97-7024 | — | .213 (5.40) | .354 (9.00) | .606 (15.40) |
| 4 | A-30069-04A1 | I5-97-7042 | .165 (4.20) | .378 (9.60) | .520 (13.20) | .772 (19.60) | A-30069-04A2 | I5-97-7044 | .165 (4.20) | .378 (9.60) | .520 (13.20) | .772 (19.60) |
| 6 | A-30069-06A1 | I5-97-7062 | .331 (8.40) | .543 (13.80) | .685 (17.40) | .937 (23.80) | A-30069-06A2 | I5-97-7064 | .331 (8.40) | .543 (13.80) | .685 (17.40) | .937 (23.80) |
| 8 | A-30069-08A1 | I5-97-7082 | .496 (12.60) | .709 (18.00) | .850 (21.60) | 1.102 (28.00) | A-30069-08A2 | I5-97-7084 | .496 (12.60) | .709 (18.00) | .850 (21.60) | 1.102 (28.00) |
| 10 | A-30069-10A1 | I5-97-7102 | .661 (16.80) | .874 (22.20) | 1.016 (25.80) | 1.268 (32.20) | A-30069-10A2 | I5-97-7104 | .661 (16.80) | .874 (22.20) | 1.016 (25.80) | 1.268 (32.20) |
| 12 | A-30069-12A1 | I5-97-7122 | .827 (21.00) | 1.039 (26.40) | 1.181 (30.00) | 1.433 (36.40) | A-30069-12A2 | I5-97-7124 | .827 (21.00) | 1.039 (26.40) | 1.181 (30.00) | 1.433 (36.40) |
| 14 | A-30069-14A1 | NOT TOOLED | .992 (25.20) | 1.205 (30.60) | 1.346 (34.20) | 1.598 (40.60) | A-30069-14A2 | NOT TOOLED | .992 (25.20) | 1.205 (30.60) | 1.346 (34.20) | 1.598 (40.60) |
| 16 | A-30069-16A1 | I5-97-7162 | 1.157 (29.40) | 1.370 (34.80) | 1.512 (38.40) | 1.764 (44.80) | A-30069-16A2 | I5-97-7164 | 1.157 (29.40) | 1.370 (34.80) | 1.512 (38.40) | 1.764 (44.80) |
| 18 | A-30069-18A1 | NOT TOOLED | 1.520 (38.60) | 1.732 (44.00) | 1.874 (47.60) | 2.126 (54.00) | A-30069-18A2 | NOT TOOLED | 1.520 (38.60) | 1.732 (44.00) | 1.874 (47.60) | 2.126 (54.00) |
| 20 | A-30069-20A1 | NOT TOOLED | 1.685 (42.80) | 1.898 (48.20) | 2.039 (51.80) | 2.291 (58.20) | A-30069-20A2 | NOT TOOLED | 1.685 (42.80) | 1.898 (48.20) | 2.039 (51.80) | 2.291 (58.20) |
| 22 | A-30069-22A1 | NOT TOOLED | 1.850 (47.00) | 2.063 (52.40) | 2.205 (56.00) | 2.457 (62.40) | A-30069-22A2 | NOT TOOLED | 1.850 (47.00) | 2.063 (52.40) | 2.205 (56.00) | 2.457 (62.40) |
| 24 | A-30069-24A1 | NOT TOOLED | 2.016 (51.20) | 2.228 (56.60) | 2.370 (60.20) | 2.622 (66.60) | A-30069-24A2 | NOT TOOLED | 2.016 (51.20) | 2.228 (56.60) | 2.370 (60.20) | 2.622 (66.60) |

| TIN-PLATED ASSEMBLIES WITH FLANGES AND DRAIN HOLES. | | | | | | | GOLD-PLATED ASSEMBLIES WITH FLANGES AND DRAIN HOLES. | | | | | |
|-----------------------------------------------------|--------------|------------|------------------|------------------|------------------|------------------|------------------------------------------------------|------------|------------------|------------------|------------------|------------------|
| CKT. SIZE | ENG. NO. | EDP. NO. | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" | ENG. NO. | EDP. NO. | DIM. "A" | DIM. "B" | DIM. "C" | DIM. "D" |
| 2 | A-30069-02B1 | NOT TOOLED | — | .213 (5.40) | .354 (9.00) | .606 (15.40) | A-30069-02B2 | NOT TOOLED | — | .213 (5.40) | .354 (9.00) | .606 (15.40) |
| 4 | A-30069-04B1 | I5-97-7046 | .165 (4.20) | .378 (9.60) | .520 (13.20) | .772 (19.60) | A-30069-04B2 | I5-97-7048 | .165 (4.20) | .378 (9.60) | .520 (13.20) | .772 (19.60) |
| 6 | A-30069-06B1 | I5-97-7066 | .331 (8.40) | .543 (13.80) | .685 (17.40) | .937 (23.80) | A-30069-06B2 | I5-97-7068 | .331 (8.40) | .543 (13.80) | .685 (17.40) | .937 (23.80) |
| 8 | A-30069-08B1 | I5-97-7086 | .496 (12.60) | .709 (18.00) | .850 (21.60) | 1.102 (28.00) | A-30069-08B2 | I5-97-7088 | .496 (12.60) | .709 (18.00) | .850 (21.60) | 1.102 (28.00) |
| 10 | A-30069-10B1 | I5-97-7106 | .661 (16.80) | .874 (22.20) | 1.016 (25.80) | 1.268 (32.20) | A-30069-10B2 | I5-97-7108 | .661 (16.80) | .874 (22.20) | 1.016 (25.80) | 1.268 (32.20) |
| 12 | A-30069-12B1 | I5-97-7126 | .827 (21.00) | 1.039 (26.40) | 1.181 (30.00) | 1.433 (36.40) | A-30069-12B2 | I5-97-7128 | .827 (21.00) | 1.039 (26.40) | 1.181 (30.00) | 1.433 (36.40) |
| 14 | A-30069-14B1 | NOT TOOLED | .992 (25.20) | 1.205 (30.60) | 1.346 (34.20) | 1.598 (40.60) | A-30069-14B2 | NOT TOOLED | .992 (25.20) | 1.205 (30.60) | 1.346 (34.20) | 1.598 (40.60) |
| 16 | A-30069-16B1 | I5-97-7166 | 1.157 (29.40) | 1.370 (34.80) | 1.512 (38.40) | 1.764 (44.80) | A-30069-16B2 | I5-97-7168 | 1.157 (29.40) | 1.370 (34.80) | 1.512 (38.40) | 1.764 (44.80) |
| 18 | A-30069-18B1 | NOT TOOLED | 1.520 (38.60) | 1.732 (44.00) | 1.874 (47.60) | 2.126 (54.00) | A-30069-18B2 | NOT TOOLED | 1.520 (38.60) | 1.732 (44.00) | 1.874 (47.60) | 2.126 (54.00) |
| 20 | A-30069-20B1 | NOT TOOLED | 1.685 (42.80) | 1.898 (48.20) | 2.039 (51.80) | 2.291 (58.20) | A-30069-20B2 | NOT TOOLED | 1.685 (42.80) | 1.898 (48.20) | 2.039 (51.80) | 2.291 (58.20) |
| 22 | A-30069-22B1 | NOT TOOLED | 1.850 (47.00) | 2.063 (52.40) | 2.205 (56.00) | 2.457 (62.40) | A-30069-22B2 | NOT TOOLED | 1.850 (47.00) | 2.063 (52.40) | 2.205 (56.00) | 2.457 (62.40) |
| 24 | A-30069-24B1 | NOT TOOLED | 2.016 (51.20) | 2.228 (56.60) | 2.370 (60.20) | 2.622 (66.60) | A-30069-24B2 | NOT TOOLED | 2.016 (51.20) | 2.228 (56.60) | 2.370 (60.20) | 2.622 (66.60) |

LEGEND:
 A - 30069 - * * * * *
 CIRCUIT SIZE _____
 (02-24)
 HOUSING STYLE _____
 A = FLANGES
 B = FLANGES, DRAIN HOLES
 C = PEGS
 D = PEGS, DRAIN HOLES
 PLATING _____
 1 = TIN OVER COPPER.
 2 = 30° GOLD OVER NICKEL.

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------|-----------------|------------------------------------------------------|------------------------|
| CORRECT LEGEND EC NO: UCP2008-3043 DRAWN: GAVRIEL 2008/06/23 CHKD: NIKIPPER 2008/07/14 APPR: FSM/TH 2008/07/14 | DESCRIPTION ▽=0 ▽=0 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE IN/MM | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- | mm INCH | DRAWN BY R/JF | DATE 9/19/91 | TITLE MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY | |
| G1 | REV | ANGULAR ±1/2° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | APPROVED BY RAS | DATE 9/19/91 | MOLEX INCORPORATED | |
| | | SEE CHARTS | DOCUMENT NO. SDA-30069-**** | SHEET NO. 3 OF 4 | | | |