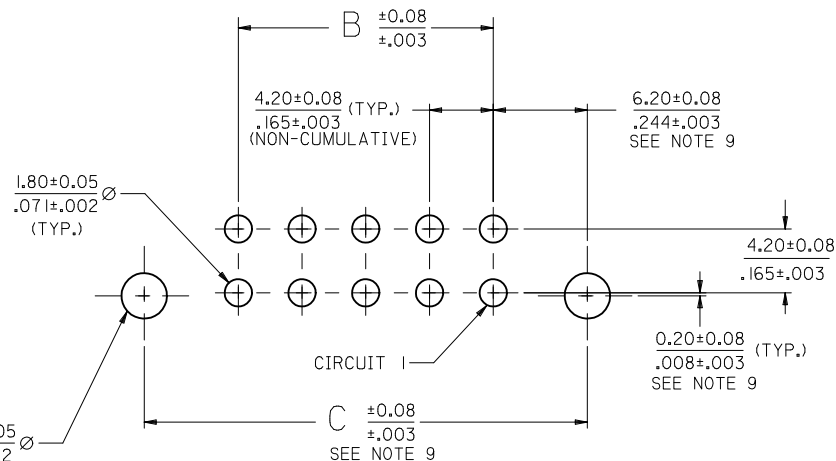
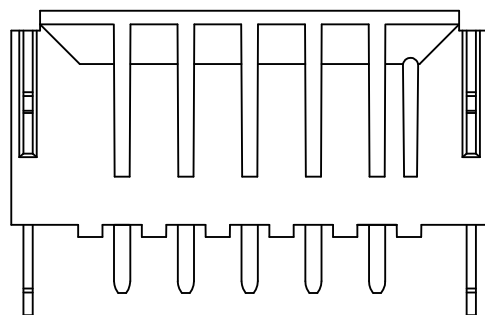
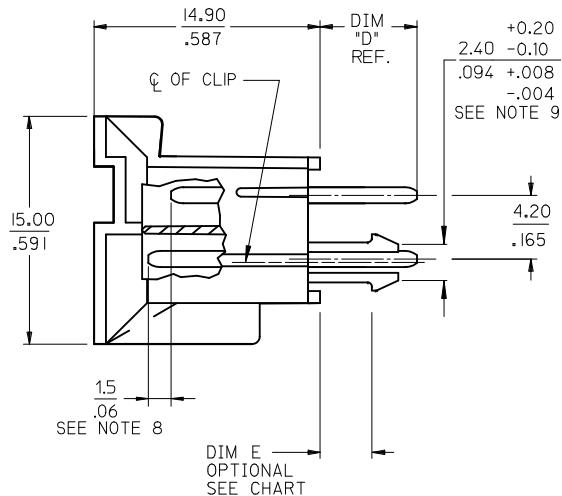
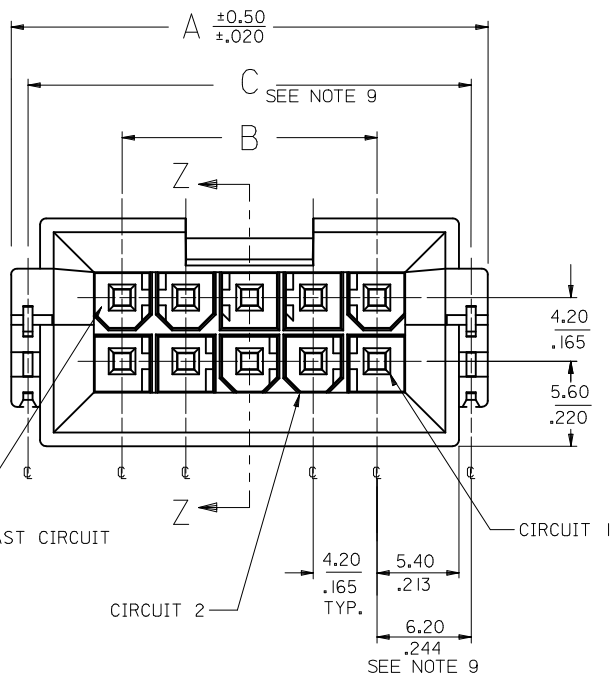
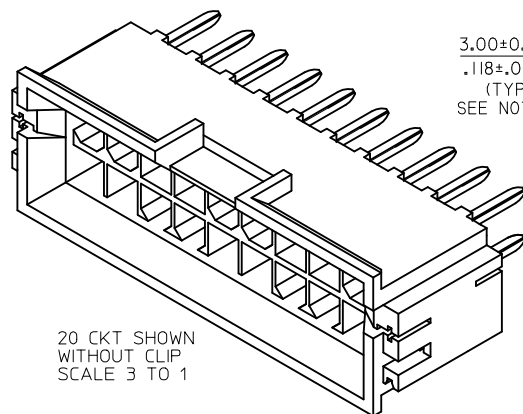




PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: SEE CHART



20 CKT SHOWN  
WITHOUT CLIP  
SCALE 3 TO 1

#### NOTES:

##### 1) MATERIALS:

HOUSING: PA46 FILLED BLACK, UL94V-0  
TERMINAL: BRASS  
BOARD RETENTION CLIP: BRASS

##### 2) FINISHES:

B = 0.00076/(.000030) MIN. SELECT GOLD AND  
0.00254/(.000100) MIN. SELECT MATTE TIN  
OVER 0.00127/(.000050) MIN. NICKEL OVERALL  
C = 0.00254/(.000100) MIN. MATTE TIN OVER NICKEL

##### 3) PRODUCT SPECIFICATIONS: PS-43810-001

##### 4) PACKAGING SPECIFICATION: PK-43879-001

5) PART MATES WITH MOLEX RECEPTACLE #5557 AND #42474,  
AND #44516 AND #42385 HEADER.

6) PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING  
HOUSINGS IN ANY DIRECTION.

7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED  
WHILE CIRCUITS ARE LIVE.

8) FOR THIS PART WITH STANDARD MATING LENGTH SEE DRAWING  
# SD-44068-031

9) THIS DIMENSION DOES NOT APPLY TO PARTS WITHOUT  
P.C. BOARD RETENTION CLIPS.

10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.

11) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS  
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING  
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A  
NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE  
PERFORMANCE OF THE HEADER ASSEMBLY.

| CKTS | DIM.<br>"A"    | DIM.<br>"B"    | DIM.<br>"C"    |
|------|----------------|----------------|----------------|
| 4    | 18.81<br>.740  | 4.20<br>.165   | 16.60<br>.653  |
| 6    | 23.01<br>.906  | 8.40<br>.331   | 20.80<br>.819  |
| 8    | 27.21<br>1.071 | 12.60<br>.496  | 25.00<br>.984  |
| 10   | 31.41<br>1.237 | 16.80<br>.661  | 29.20<br>1.150 |
| 12   | 35.61<br>1.402 | 21.00<br>.828  | 33.40<br>1.315 |
| 14   | 39.81<br>1.567 | 25.20<br>.992  | 37.60<br>1.480 |
| 16   | 44.01<br>1.733 | 29.40<br>1.157 | 41.80<br>1.646 |
| 18   | 48.21<br>1.898 | 33.60<br>1.323 | 46.00<br>1.811 |
| 20   | 52.41<br>2.063 | 37.80<br>1.488 | 50.20<br>1.976 |
| 22   | 56.61<br>2.229 | 42.00<br>1.654 | 54.40<br>2.142 |
| 24   | 60.81<br>2.394 | 46.20<br>1.819 | 58.60<br>2.307 |

|                                                                                                           |             |                                                                 |                                                            |        |                          |                             |                    |                                                                                                                               |                        |  |  |  |
|-----------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|--------|--------------------------|-----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|--|--|--|
| CHANGE CLIP DIM<br>EC NO: UCP2012-3785<br>DRAWN BY: DRWANGUYEN<br>CHKD: J.BELL<br>APPR: FSMITH<br>REV: E4 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM/IN |                             | SCALE<br>4:1       | DESIGN UNITS<br>METRIC                                                                                                        | THIRD ANGLE PROJECTION |  |  |  |
|                                                                                                           |             |                                                                 |                                                            | mm     | INCH                     | DRAWN BY<br>MANAPALZ        | DATE<br>12/04/97   | TITLE<br>MINI-FIT JR BMI SMC<br>VERTICAL HEADER ASSY<br>MAKE-FIRST/BREAK-LAST<br>MOLEX INCORPORATED<br>SD-44068-051           |                        |  |  |  |
|                                                                                                           |             |                                                                 | 4 PLACES                                                   | ± ---  | ± ---                    | CHECKED BY<br>BANDURA       | DATE<br>12/06/97   |                                                                                                                               |                        |  |  |  |
|                                                                                                           |             |                                                                 | 3 PLACES                                                   | ± ---  | ± .010                   | APPROVED BY<br>FSMITH       | DATE<br>2011/06/07 |                                                                                                                               |                        |  |  |  |
|                                                                                                           |             |                                                                 | 2 PLACES                                                   | ± 0.25 | ± .014                   | MATERIAL NO.<br>SEE SHEET 2 |                    |                                                                                                                               |                        |  |  |  |
|                                                                                                           |             |                                                                 | 1 PLACE                                                    | ± 0.35 | ± ---                    | ANGULAR ±1/2°               |                    |                                                                                                                               |                        |  |  |  |
|                                                                                                           |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                          | SIZE                        |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |  |  |  |

