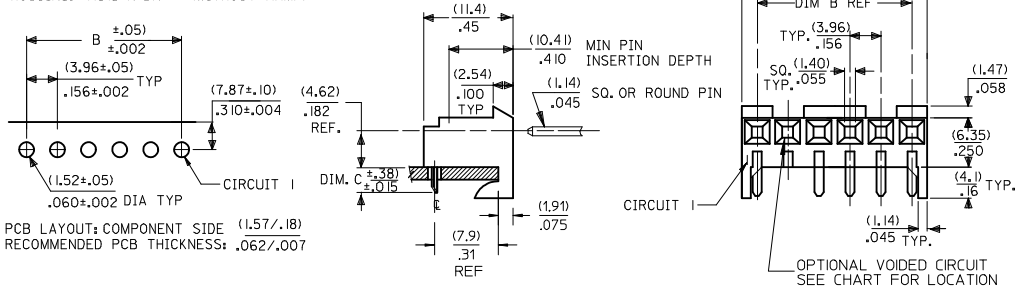


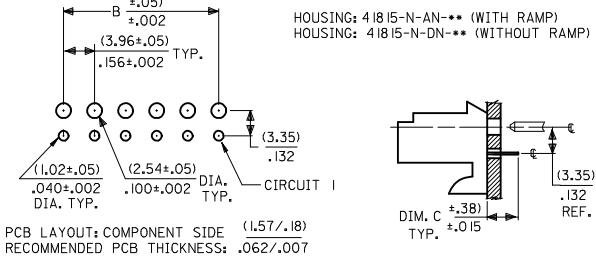
## RIGHT ANGLE

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)



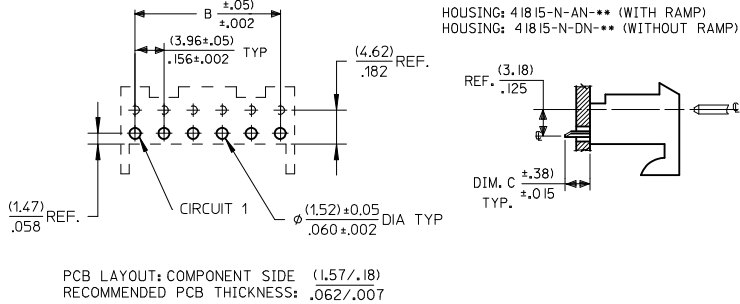
## BOTTOM ENTRY

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)



## TOP ENTRY

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)



| DIM. B           | DIM. A                               | NO. OF CKTS |
|------------------|--------------------------------------|-------------|
| (3.96)<br>.156   | (7.82 $\pm.25$ )<br>.308 $\pm.010$   | 2           |
| (7.92)<br>.312   | (11.79 $\pm.25$ )<br>.464 $\pm.010$  | 3           |
| (11.89)<br>.468  | (15.75 $\pm.25$ )<br>.620 $\pm.010$  | 4           |
| (15.85)<br>.624  | (19.71 $\pm.25$ )<br>.776 $\pm.010$  | 5           |
| (19.81)<br>.780  | (23.67 $\pm.25$ )<br>.932 $\pm.010$  | 6           |
| (23.77)<br>.936  | (27.64 $\pm.30$ )<br>1.088 $\pm.012$ | 7           |
| (27.74)<br>1.092 | (31.60 $\pm.25$ )<br>1.244 $\pm.012$ | 8           |
| (31.70)<br>1.248 | (35.56 $\pm.30$ )<br>1.400 $\pm.012$ | 9           |
| (35.66)<br>1.404 | (39.52 $\pm.30$ )<br>1.556 $\pm.012$ | 10          |
| (39.62)<br>1.560 | (43.48 $\pm.30$ )<br>1.712 $\pm.012$ | 11          |
| (43.59)<br>1.716 | (47.45 $\pm.30$ )<br>1.868 $\pm.012$ | 12          |
| (47.55)<br>1.872 | (51.41 $\pm.30$ )<br>2.024 $\pm.012$ | 13          |
| (51.51)<br>2.028 | (55.37 $\pm.36$ )<br>2.180 $\pm.014$ | 14          |
| (55.47)<br>2.184 | (59.33 $\pm.36$ )<br>2.336 $\pm.014$ | 15          |

## NOTES:

- MATERIAL: HOUSING: POLYESTER, RATED UL 94V-0, COLOR: NATURAL (WHITE)
- FINISH:

- (197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
- (208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
- (228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
- (909) = OVERALL TIN: 0.00254/.000100 MIN.

3. PRODUCT SPECIFICATION: PS-08-50

4. PACKAGING: SEE CHARTS

5. FOR TOP ENTRY AND RIGHT ANGLE ASSEMBLIES WITH LOWER INSERTION FORCE USE SINGLE BEAM CONTACT, (TERMINAL NO. 4244)

6. SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C (446°F) FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR ADDITIONAL INFORMATION SEE SMES-152.

7. PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERLINE.

8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.

|                                                                                                                              |             |                                                                                                                                            |                                                            |          |                          |                                                                                                                                  |              |                                    |                                                                                                                 |  |  |
|------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|--|
| ADD 41815-0687<br>EC NO: UCP2015-1357<br>DRAWN:MK/PPER 2014/09/30<br>CHKD:NGUYEN 2014/09/30<br>APPR:FSM/TH 2014/10/23<br>AN3 | DESCRIPTION | QUALITY SYMBOLS<br><div><div><div>▽</div><div>=0</div></div><div><div>▽</div><div>=0</div></div><div><div>▽</div><div>=0</div></div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |          | DIMENSION STYLE<br>MM/IN |                                                                                                                                  | SCALE<br>--  | DESIGN UNITS<br>INCH               |  THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                              |             |                                                                                                                                            |                                                            | mm       | INCH                     | DRAWN BY                                                                                                                         | DATE         | TITLE                              |                                                                                                                 |  |  |
|                                                                                                                              |             |                                                                                                                                            | 4 PLACES                                                   | ± ---    | ± ---                    | SAMIEC                                                                                                                           | 01/28/87     | KK 156 HOUSING PCB<br>41815 SERIES |                                                                                                                 |  |  |
|                                                                                                                              |             |                                                                                                                                            | 3 PLACES                                                   | ± ---    | ± .010                   | CHECKED BY                                                                                                                       | DATE         |                                    |                                                                                                                 |  |  |
|                                                                                                                              |             |                                                                                                                                            | 2 PLACES                                                   | ± 0.25   | ± .015                   | SAMIEC                                                                                                                           | 01/28/87     |                                    |                                                                                                                 |  |  |
| 1 PLACE                                                                                                                      | ± 0.38      | ± ---                                                                                                                                      | APPROVED BY                                                | DATE     | <b>molex</b>             |                                                                                                                                  |              |                                    |                                                                                                                 |  |  |
| 0 PLACE                                                                                                                      | ±           | ±                                                                                                                                          | LENZ                                                       | 01/28/87 |                          |                                                                                                                                  |              |                                    |                                                                                                                 |  |  |
|                                                                                                                              |             |                                                                                                                                            | ANGULAR ±1/2°                                              |          | MATERIAL NO.             |                                                                                                                                  | DOCUMENT NO. |                                    | SHEET NO.                                                                                                       |  |  |
|                                                                                                                              |             |                                                                                                                                            | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |          | SEE CHART                |                                                                                                                                  | SDA-41815    |                                    | 1 OF *                                                                                                          |  |  |
|                                                                                                                              | REV         |                                                                                                                                            |                                                            |          | SIZE<br>B                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                    |                                                                                                                 |  |  |