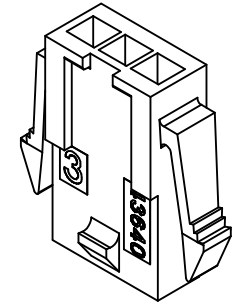


| ASSEMBLY<br>ITEM<br>NUMBER | PART<br>CHARACTERISTICS  |
|----------------------------|--------------------------|
|                            | NUMBER<br>OF<br>POSITION |
| 43640-0200                 | 02                       |
| 43640-0300                 | 03                       |
| 43640-0400                 | 04                       |
| 43640-0500                 | 05                       |
| 43640-0600                 | 06                       |
| 43640-0700                 | 07                       |
| 43640-0800                 | 08                       |
| 43640-0900                 | 09                       |
| 43640-1000                 | 10                       |
| 43640-1100                 | 11                       |
| 43640-1200                 | 12                       |

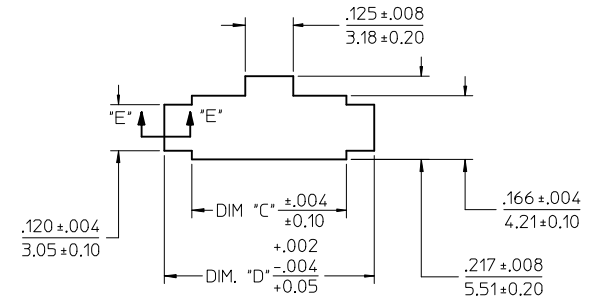
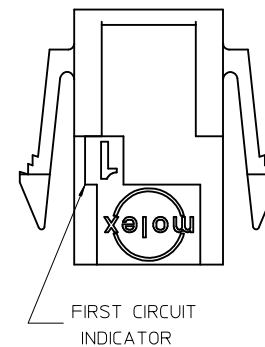
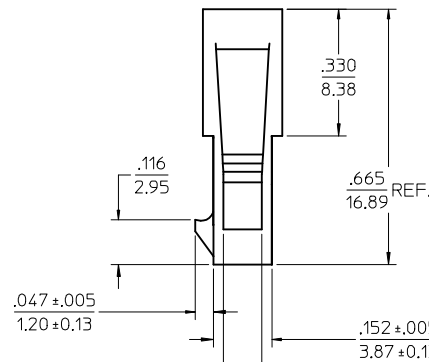
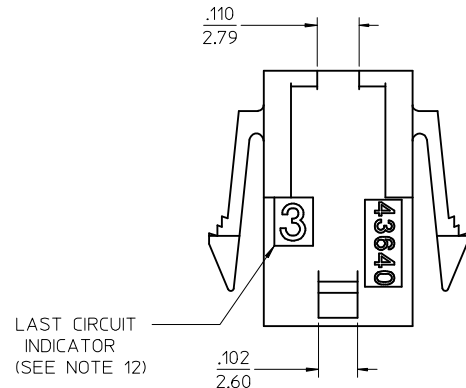
| CKT.<br>NO. | DIM.<br>"A" | DIM.<br>"B" | DIM.<br>"C" | DIM.<br>"D" |
|-------------|-------------|-------------|-------------|-------------|
| 2           | .270/6.85   | .118/3.00   | .284/7.21   | .429/10.90  |
| 3           | .388/9.85   | .236/6.00   | .402/10.21  | .547/13.89  |
| 4           | .506/12.85  | .354/9.00   | .520/13.21  | .665/16.89  |
| 5           | .624/15.85  | .472/12.00  | .638/16.21  | .783/19.89  |
| 6           | .742/18.85  | .591/15.00  | .756/19.21  | .901/22.89  |
| 7           | .860/21.85  | .709/18.00  | .874/22.20  | 1.019/25.88 |
| 8           | .978/24.85  | .827/21.00  | .992/25.20  | 1.137/28.88 |
| 9           | 1.096/27.85 | .945/24.00  | 1.110/28.20 | 1.255/31.88 |
| 10          | 1.215/30.85 | 1.063/27.00 | 1.229/31.22 | 1.373/34.87 |
| 11          | 1.333/33.85 | 1.181/30.00 | 1.347/34.22 | 1.491/37.87 |
| 12          | 1.451/36.85 | 1.299/33.00 | 1.465/37.22 | 1.609/40.87 |

NOTES:

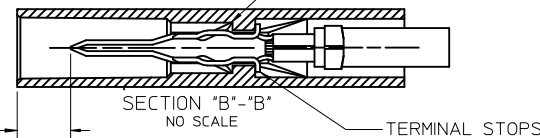
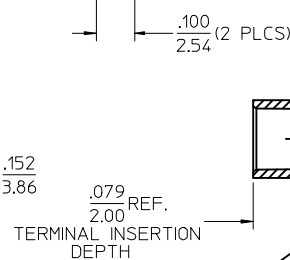
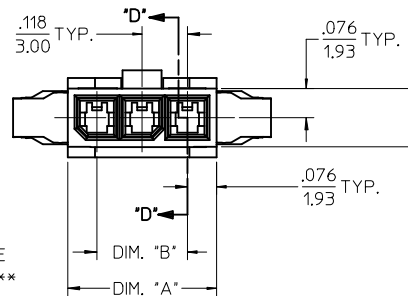
- HOUSING MATERIAL: UNFILLED POLYESTER, RATED UL94V-0  
COLOR IS BLACK
- FINISH: NONE
- PRODUCT SPECIFICATION: PS-43650
- PACKAGING SPECIFICATION: PK-43640-003
- THIS HOUSING MATES WITH MICRO-FIT RECEPTACLE #43645-\*\*\*\*.
- THIS HOUSING IS DESIGNED IN METRIC
- THIS HOUSING TO BE USED WITH MOLEX MALE TERMINAL #43031-\*\*\*\*.
- PLUG DESIGNED FOR .062/1.57 TO .090/2.30 THICK STAMPED  
PANEL OR PRINTED CIRCUIT BOARD.
- SEE SECTION "D"- "D" FOR TERMINAL ORIENTATION IN HOUSING.
- SEE SHEET 2 FOR PLUG WITHOUT PANEL MOUNTS.
- PANEL MOUNT FEATURES MUST LOCK ON SIDE OPPOSITE PUNCH  
SIDE FOR OPTIMUM RETENTION.
- LAST CIRCUIT INDICATOR IS NOT PRESENT ON 2 CIRCUIT HOUSING.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



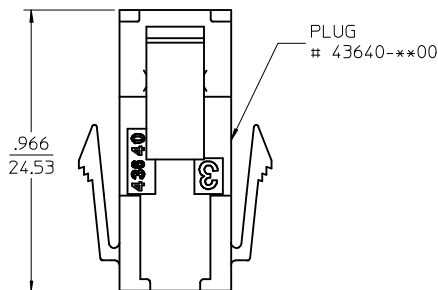
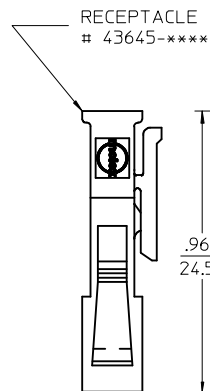
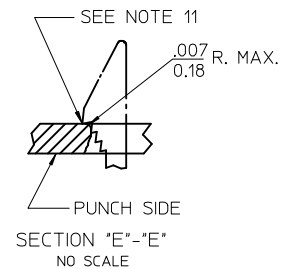
PLUG WITH  
PANEL MOUNTS



RECOMMENDED PANEL CUT-OUT



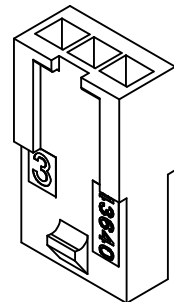
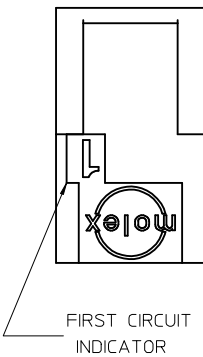
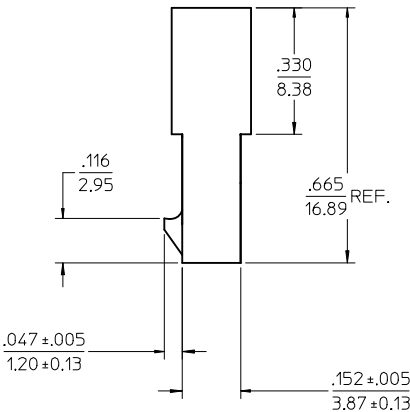
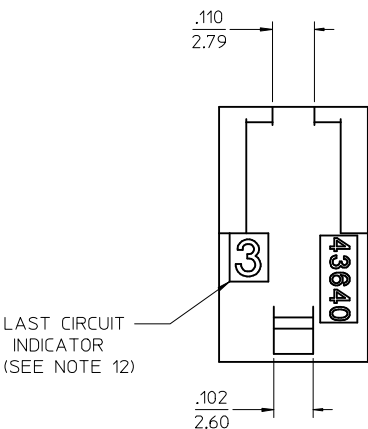
TERMINAL LOCKING TABS MUST BE FULLY SEATED  
TO HOUSING BEFORE MATING WITH OTHER HALF  
OF CONNECTOR SYSTEM.



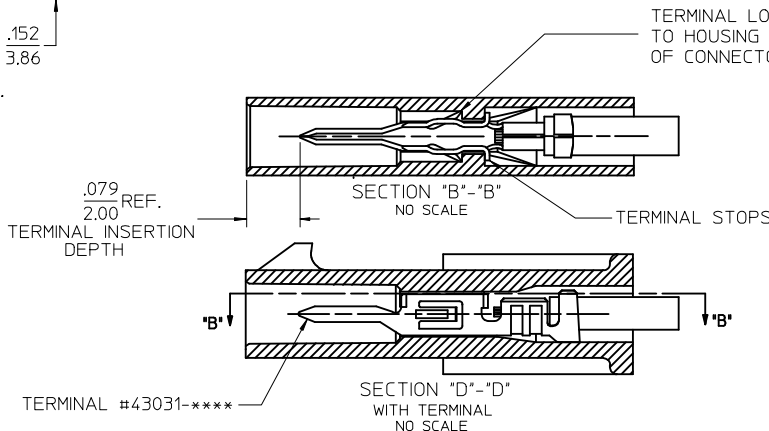
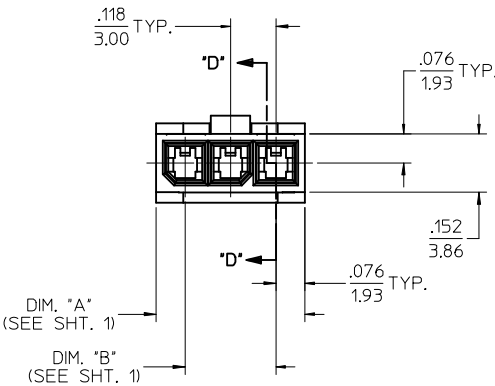
MATED MICRO-FIT CONNECTOR

|                                                                                                                     |                 |                                                            |                                       |                           |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------|
| ADD NOTE 12<br>EC NO: UCP2014-0227<br>DRWN:SS0USEK 2013/07/17<br>CHKD:MK IPPER 2013/07/18<br>APPR:FSMITH 2013/07/19 | QUALITY SYMBOLS | DESCRIPTION                                                | GENERAL TOLERANCES (UNLESS SPECIFIED) |                           | DIMENSION STYLE<br>IN/MM |                                                                                                                                  | SCALE<br>4:1       | DESIGN UNITS<br>METRIC        | THIRD ANGLE<br>PROJECTION | TITLE<br>MICRO-FIT (3.0) IN-LINE<br>2 THRU 12 CIRCUIT PLUG<br>W/ OPTIONAL PANEL MOUNTS<br><br><b>molex</b> |
|                                                                                                                     |                 |                                                            |                                       | mm                        | INCH                     | DRAWN BY<br>AFG                                                                                                                  | DATE<br>1996/01/19 | DOCUMENT NO.<br>SD-43640-**** | SHEET NO.<br>1 OF 2       |                                                                                                            |
|                                                                                                                     |                 |                                                            | F=0                                   | 4 PLACES ± --- ± ---      |                          | CHECKED BY<br>BAP                                                                                                                | DATE<br>1996/01/19 |                               |                           |                                                                                                            |
|                                                                                                                     |                 |                                                            | F=0                                   | 3 PLACES ± --- ± .010     |                          | APPROVED BY<br>RJF                                                                                                               | DATE<br>1996/01/19 |                               |                           |                                                                                                            |
|                                                                                                                     | F=0             | 2 PLACES ± 0.25 ± .014                                     |                                       | MATERIAL NO.<br>SEE CHART |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|                                                                                                                     |                 | 1 PLACE ± 0.35 ± ---                                       |                                       |                           |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|                                                                                                                     |                 | 0 PLACE ± ±                                                |                                       |                           |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|                                                                                                                     |                 | ANGULAR ± 5 °                                              |                                       |                           |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|                                                                                                                     |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                       |                           |                          |                                                                                                                                  |                    |                               |                           |                                                                                                            |
|                                                                                                                     | F3              | REV                                                        |                                       | SIZE                      |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                               |                           |                                                                                                            |

| ASSEMBLY<br>ITEM<br>NUMBER | PART<br>CHARACTERISTICS<br>NUMBER<br>OF<br>POSITION |
|----------------------------|-----------------------------------------------------|
| 43640-0201                 | 02                                                  |
| 43640-0301                 | 03                                                  |
| 43640-0401                 | 04                                                  |
| 43640-0501                 | 05                                                  |
| 43640-0601                 | 06                                                  |
| 43640-0701                 | 07                                                  |
| 43640-0801                 | 08                                                  |
| 43640-0901                 | 09                                                  |
| 43640-1001                 | 10                                                  |
| 43640-1101                 | 11                                                  |
| 43640-1201                 | 12                                                  |

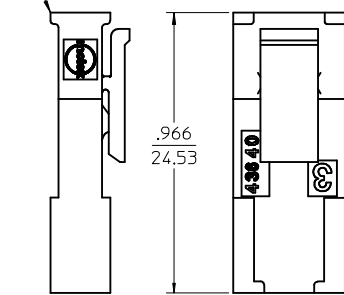


PLUG WITHOUT  
PANEL MOUNTS



TERMINAL LOCKING TABS MUST BE FULLY SEATED  
TO HOUSING BEFORE MATING WITH OTHER HALF  
OF CONNECTOR SYSTEM.

RECEPTACLE  
# 43645-\*\*\*\*



PLUG # 43640-\*\*\*01

MATED MICRO-FIT CONNECTOR

|                                                                                                                                  |             |                                          |                                                            |        |                          |                                                                                                                                  |              |                                                                                                                             |                                                                                                              |                     |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------|------------------------------------------------------------|--------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|--|
| ADD NOTE 12 REF<br>EC NO: UCP2014-0227<br>DRWN:SSOUSEK 2013/07/17<br>CHKD:MKIPPER 2013/07/18<br>APPR:FSMITH 2013/07/19<br><br>F3 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM |                                                                                                                                  | SCALE<br>4:1 | DESIGN UNITS<br>METRIC                                                                                                      |  THIRD ANGLE PROJECTION |                     |  |
|                                                                                                                                  |             |                                          |                                                            | mm     | INCH                     | DRAWN BY                                                                                                                         | DATE         | TITLE<br>MICRO-FIT (3.0) IN-LINE<br>2 THRU 12 CIRCUIT PLUG<br>W/ OPTIONAL PANEL MOUNTS<br><br><b>molex</b><br>SD-43640-**** |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | 4 PLACES                                                   | ± .005 | ± .005                   | AFG                                                                                                                              | 1996/01/19   |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | 3 PLACES                                                   | ± .010 | ± .010                   | CHECKED BY                                                                                                                       | DATE         |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | 2 PLACES                                                   | ± 0.25 | ± .014                   | BAP                                                                                                                              | 1996/01/19   |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | 1 PLACE                                                    | ± 0.35 | ± .014                   | APPROVED BY                                                                                                                      | DATE         |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | 0 PLACE                                                    | ±      | ±                        | RJF                                                                                                                              | 1996/01/19   | DOCUMENT NO.                                                                                                                |                                                                                                              | SHEET NO.<br>2 OF 2 |  |
|                                                                                                                                  |             |                                          | ANGULAR ± 5 °                                              |        | MATERIAL NO.             |                                                                                                                                  |              |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE CHART                |                                                                                                                                  |              |                                                                                                                             |                                                                                                              |                     |  |
|                                                                                                                                  |             |                                          |                                                            |        | SIZE<br>C                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                                                                                                             |                                                                                                              |                     |  |