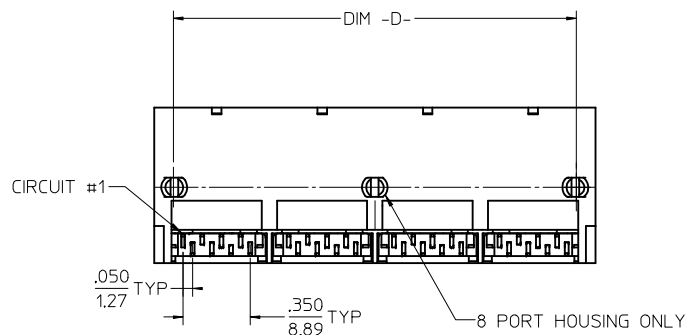
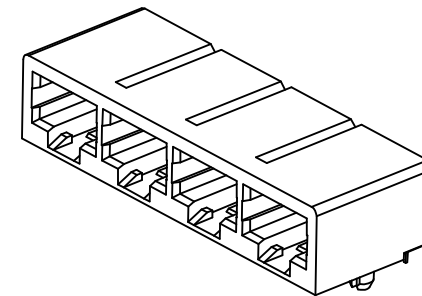
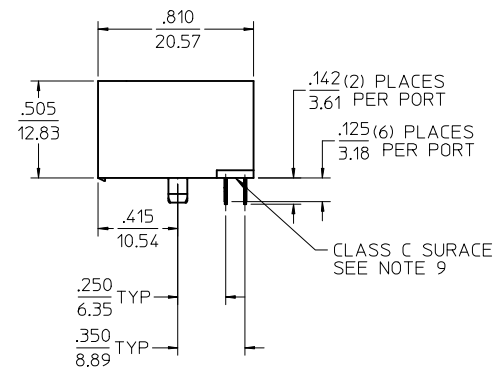
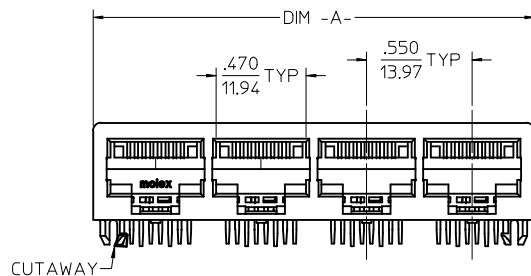
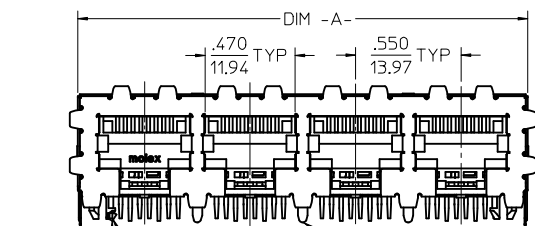


# NOTES:

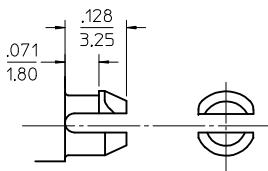
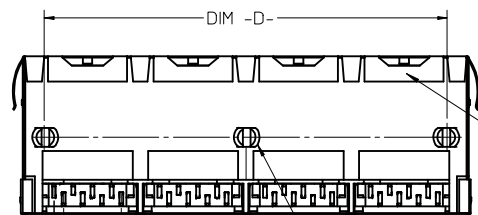
- MATERIAL:  
HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE
- FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.,  
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
- PRODUCT SPECIFICATION: PS-44050-003.
- PACKAGING SPECIFICATION:  
UNSHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX  
PACKAGING SPECIFICATION PK-44150-005.
- MATES WITH: MODULAR PLUGS THAT CONFORM TO FCC REGULATION PART 68.5.
- PC BOARD LAYOUTS AND PANEL CUT-OUT SHOWN ON PAGE (3) OF (3).
- CONNECTOR AVAILABLE WITH EITHER PEG OPTION 'A' (SNAP-FIT) OR  
PEG OPTION 'B' (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION 'A'.
- TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE SURFACE  
INDICATED WHICH IS A CLASS C SURFACE.

| ASSEMBLY<br>MATERIAL NUMBER | NUMBER OF<br>PORTS | PEG<br>OPTION | CENTER<br>PEG | DIM -A-      | DIM -D-      |
|-----------------------------|--------------------|---------------|---------------|--------------|--------------|
| 441500001                   | 2                  | A             | NO            | 1,200/30.48  | 1,000/25.40  |
| 441500017                   | 2                  | B             | NO            | 1,200/30.48  | 1,000/25.40  |
| 441500002                   | 4                  | A             | NO            | 2,300/58.42  | 2,100/53.34  |
| 441500018                   | 4                  | B             | NO            | 2,300/58.42  | 2,100/53.34  |
| 441500003                   | 6                  | A             | NO            | 3,400/86.36  | 3,200/81.28  |
| 441500019                   | 6                  | B             | NO            | 3,400/86.36  | 3,200/81.28  |
| 441500004                   | 8                  | A             | YES           | 4,500/114.30 | 4,300/109.22 |
| 441500020                   | 8                  | B             | YES           | 4,500/114.30 | 4,300/109.22 |

|                                                                                                                      |             |                                                                                     |                                       |                           |                          |                                                                                                                                  |                                                     |                      |                              |                     |
|----------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------|------------------------------|---------------------|
| ADD -0037<br>EC NO: UCP2014-5068<br>2014/06/03<br>DRW:NGUYEN<br>CHKD:JBELL<br>2014/06/03<br>APP:FSMITH<br>2014/09/04 | DESCRIPTION | QUALITY SYMBOLS<br><div><div><div>▽=0</div><div>▽=0</div><div>▽=0</div></div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |                           | DIMENSION STYLE<br>IN/MM |                                                                                                                                  | SCALE<br>2:1                                        | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION    |                     |
|                                                                                                                      |             |                                                                                     | mm                                    | INCH                      | DRAWN BY<br>MARANTO      | DATE<br>98/01/21                                                                                                                 | TITLE<br>CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED | molex                | DOCUMENT NO.<br>SD-44150-002 | SHEET NO.<br>1 OF 3 |
|                                                                                                                      |             |                                                                                     | 4 PLACES ± --- ± ---                  |                           | CHECKED BY<br>ROBERTS    | DATE<br>98/01/21                                                                                                                 |                                                     |                      |                              |                     |
|                                                                                                                      |             |                                                                                     | 3 PLACES ± --- ± .010                 |                           | APPROVED BY<br>ROBERTS   | DATE<br>98/01/21                                                                                                                 |                                                     |                      |                              |                     |
|                                                                                                                      |             |                                                                                     | 2 PLACES ± 0.25 ± ---                 |                           |                          |                                                                                                                                  |                                                     |                      |                              |                     |
| 1 PLACE ± --- ± ---                                                                                                  |             |                                                                                     |                                       |                           |                          |                                                                                                                                  |                                                     |                      |                              |                     |
| 0 PLACE ± ±                                                                                                          |             |                                                                                     |                                       |                           |                          |                                                                                                                                  |                                                     |                      |                              |                     |
| ANGULAR ±1/2°                                                                                                        |             |                                                                                     |                                       | MATERIAL NO.<br>SEE CHART |                          |                                                                                                                                  |                                                     |                      |                              |                     |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                           |             |                                                                                     |                                       | SIZE<br>C                 |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                     |                      |                              |                     |

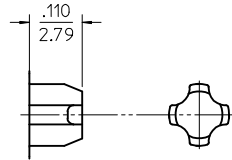


CUTAWAY CIRCUIT #1 REAR SHIELD CENTER GROUND TAB SEE NOTES 8 AND 9



PEG OPTION 'A'

SNAP-FIT PEG  
SEE NOTE #7  
(SCALE NTS)



PEG OPTION 'B'

PRESS-FIT PEG  
SEE NOTE #7  
(SCALE NTS)

#### NOTES:

##### 1) MATERIAL:

HOUSING: NYLON, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS

##### 2) FINISH:

##### TERMINALS:

SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 127 MICROMETERS MIN.  
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES / 254 MICROMETERS MIN.  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 127 MICROMETERS MIN.

##### SHIELD:

100 MICROINCHES / 254 MICROMETERS NICKEL OVER 50 MICROINCHES / 127 MICROMETERS COPPER UNDERPLATE, PCB GROUND TABS DIPPED IN TIN

##### 3) PRODUCT SPECIFICATION: PS-44050-003.

##### 4) PACKAGING SPECIFICATION:

SHIELDED CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX  
PACKAGING SPECIFICATION PK-44150-004.

##### 5) MATES WITH: MODULAR PLUGS THAT CONFORM TO FCC REGULATION PART 68.5.

##### 6) PC BOARD LAYOUTS AND PANEL CUT-OUT SHOWN ON PAGE (3) OF (3).

##### 7) CONNECTOR AVAILABLE WITH EITHER PEG OPTION 'A' (SNAP-FIT) OR

##### PEG OPTION 'B' (PRESS-FIT). THIS DRAWING SHOWS PEG OPTION 'A'.

##### 8) (4) PORT AND (8) PORT MODJACKS AVAILABLE WITH A SINGLE GROUND TAB ON REAR OF SHIELD, LOCATED IN THE CENTER. PER THE ASSEMBLY MATERIAL NUMBER TABLE.

##### 9) (8) PORT VERSION AVAILABLE WITH (3) GROUND TABS ON REAR OF SHIELD, CENTERED ON THE PART. PER THE ASSEMBLY MATERIAL NUMBER TABLE.

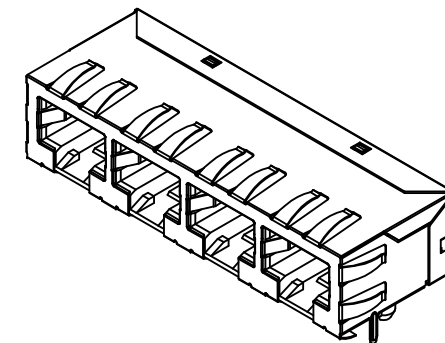
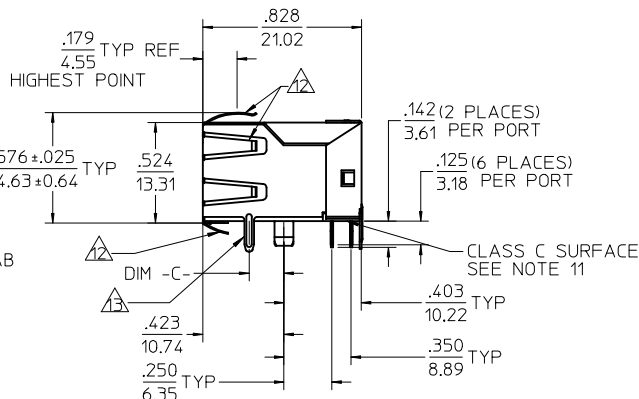
##### 10) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.

##### 11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A CLASS C SURFACE.

441500036 DOES NOT HAVE TOP, SIDE, OR BOTTOM GROUND TABS & HAS SHORTER BOTTOM FLANGES

441500034 DOES NOT HAVE SIDE GROUND TABS

441500037 DOES NOT HAVE BOTTOM GROUND TABS



| ASSEMBLY MATERIAL NUMBER | NUMBER OF PORTS | PEG OPTION | CENTER PEG | REAR SHIELD GROUND TABS | DIM -A-      | DIM -C-    | DIM -D-      |
|--------------------------|-----------------|------------|------------|-------------------------|--------------|------------|--------------|
| 441500005                | 2               | A          | NO         | 1                       | 1.225/31.12  | 0.145/3.68 | 1.000/25.40  |
| 441500011                | 2               | A          | NO         | 1                       | 1.225/31.12  | 0.180/4.57 | 1.000/25.40  |
| 441500036                | 2               | A          | NO         | 0                       | 1.225/31.12  | 0.180/4.57 | 1.000/25.40  |
| 441500021                | 2               | B          | NO         | 1                       | 1.225/31.12  | 0.145/3.68 | 1.000/25.40  |
| 441500027                | 2               | B          | NO         | 1                       | 1.225/31.12  | 0.180/4.57 | 1.000/25.40  |
| 441500009                | 4               | A          | NO         | 1                       | 2.325/59.05  | 0.145/3.68 | 2.100/53.34  |
| 441500037                | 4               | A          | NO         | 0                       | 2.325/59.05  | 0.145/3.68 | 2.100/53.34  |
| 441500015                | 4               | A          | NO         | 1                       | 2.325/59.05  | 0.180/4.57 | 2.100/53.34  |
| 441500006                | 4               | A          | NO         | 3                       | 2.325/59.05  | 0.145/3.68 | 2.100/53.34  |
| 441500012                | 4               | A          | NO         | 3                       | 2.325/59.05  | 0.180/4.57 | 2.100/53.34  |
| 441500025                | 4               | B          | NO         | 1                       | 2.325/59.05  | 0.145/3.68 | 2.100/53.34  |
| 441500031                | 4               | B          | NO         | 1                       | 2.325/59.05  | 0.180/4.57 | 2.100/53.34  |
| 441500022                | 4               | B          | NO         | 3                       | 2.325/59.05  | 0.145/3.68 | 2.100/53.34  |
| 441500028                | 4               | B          | NO         | 3                       | 2.325/59.05  | 0.180/4.57 | 2.100/53.34  |
| 441500034                | 4               | B          | NO         | 3                       | 2.325/59.05  | N/A        | 2.100/53.34  |
| 441500007                | 6               | A          | NO         | 5                       | 3.425/87.00  | 0.145/3.68 | 3.200/81.28  |
| 441500013                | 6               | A          | NO         | 5                       | 3.425/87.00  | 0.180/4.57 | 3.200/81.28  |
| 441500023                | 6               | B          | NO         | 5                       | 3.425/87.00  | 0.145/3.68 | 3.200/81.28  |
| 441500029                | 6               | B          | NO         | 5                       | 3.425/87.00  | 0.180/4.57 | 3.200/81.28  |
| 441500010                | 8               | A          | YES        | 1                       | 4.525/114.94 | 0.145/3.68 | 4.300/109.22 |
| 441500016                | 8               | A          | YES        | 1                       | 4.525/114.94 | 0.180/4.57 | 4.300/109.22 |
| 441500033                | 8               | A          | YES        | 3                       | 4.525/114.94 | 0.145/3.68 | 4.300/109.22 |
| 441500008                | 8               | A          | YES        | 7                       | 4.525/114.94 | 0.145/3.68 | 4.300/109.22 |
| 441500014                | 8               | A          | YES        | 7                       | 4.525/114.94 | 0.180/4.57 | 4.300/109.22 |
| 441500026                | 8               | B          | YES        | 1                       | 4.525/114.94 | 0.145/3.68 | 4.300/109.22 |
| 441500032                | 8               | B          | YES        | 1                       | 4.525/114.94 | 0.180/4.57 | 4.300/109.22 |
| 441500024                | 8               | B          | YES        | 7                       | 4.525/114.94 | 0.145/3.68 | 4.300/109.22 |
| 441500030                | 8               | B          | YES        | 7                       | 4.525/114.94 | 0.180/4.57 | 4.300/109.22 |

X = NOT TOOLED

SEE SHEET 1  
EC NO: UCP2014-5068  
DRAWN: NGUYEN 2014/06/03  
CHKD: JELL 2014/06/03  
APPR: FSMITH 2014/09/04  
REV: D7

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± .010  
2 PLACES ± .025 ± ---  
1 PLACE ± --- ± ---  
0 PLACE ± ±  
ANGULAR ±1/2°  
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM  
DRAWN BY MARANTO DATE 98/01/21  
CHECKED BY ROBERTS DATE 98/01/21  
APPROVED BY ROBERTS DATE 98/01/21  
MATERIAL NO.  
SEE CHART  
SIZE C

SCALE 2:1  
DESIGN UNITS INCH  
THIRD ANGLE PROJECTION  
CATEGORY 5 MODULAR JACK ASSEMBLIES, GANGED  
molex  
DOCUMENT NO. SD-44150-002  
SHEET NO. 2 OF 3  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

