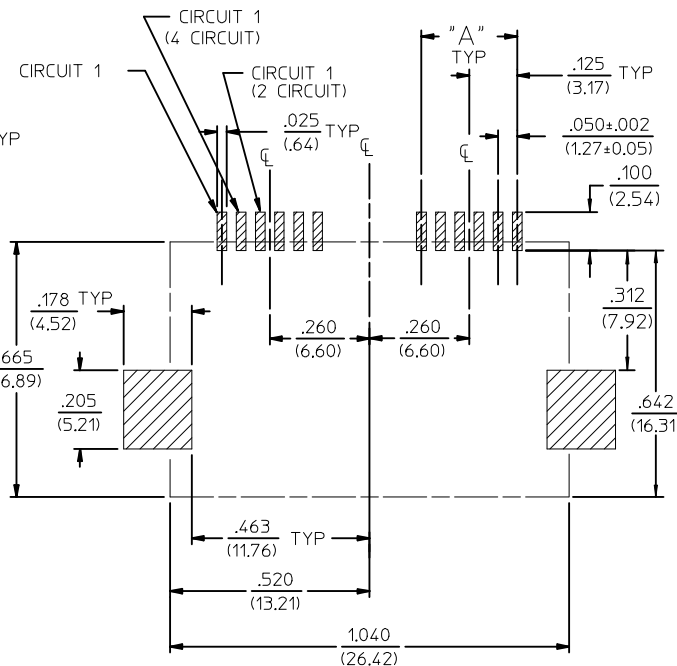
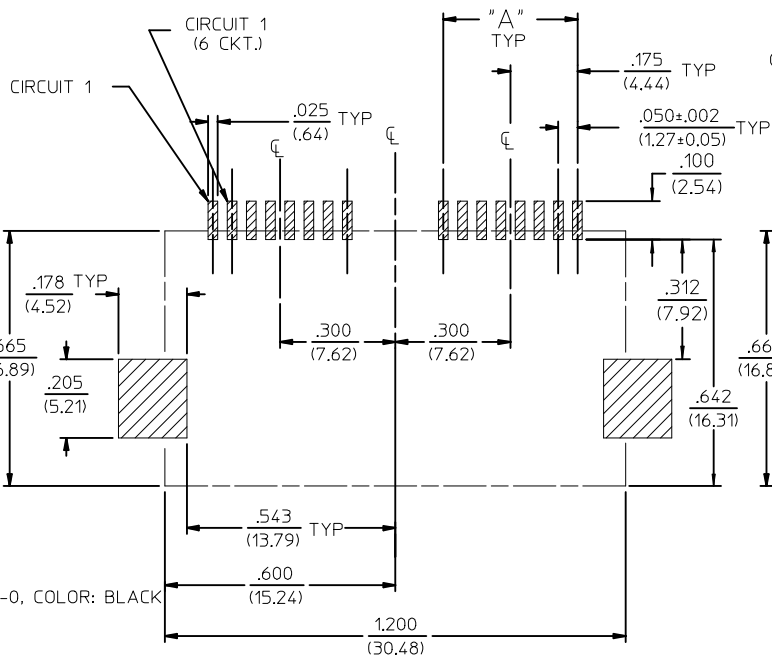
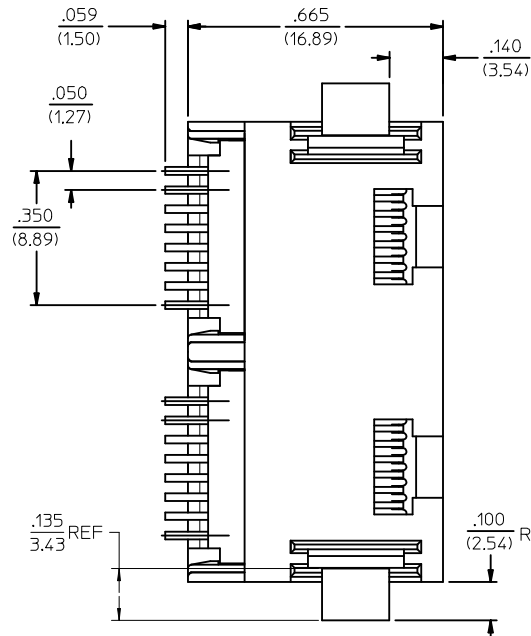
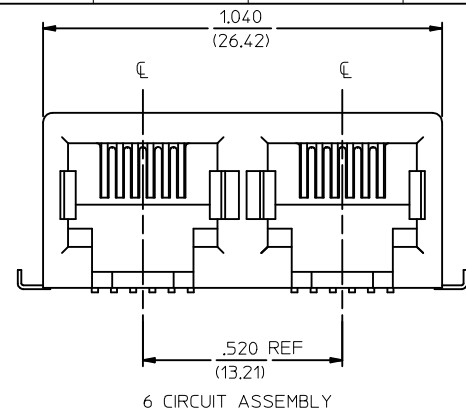
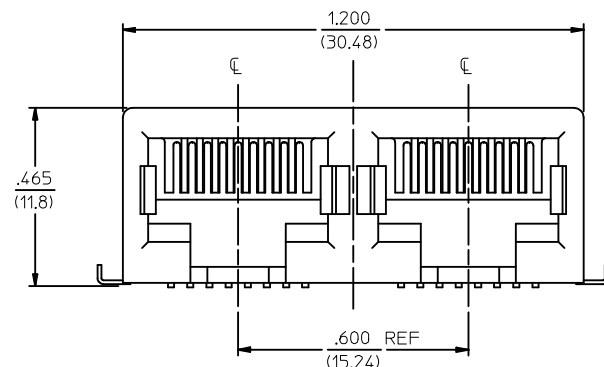
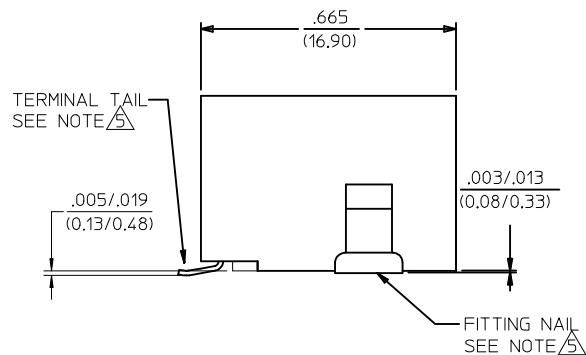




- NOTES:
- MATERIAL:  
HOUSING & INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE, .012/(0.30) THICK  
FITTING NAILS: BRASS, .010/(0.25) THICK
  - FINISH:  
TERMINALS:  
A = SELECT GOLD IN CONTACT AREA: .000050/(0.00127) MIN.,  
SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.  
B = SELECT GOLD IN CONTACT AREA: .000030/(0.00076) MIN.,  
SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.  
C = SELECT GOLD IN CONTACT AREA: .000015/(0.00038) MIN.,  
SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MIN.,  
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
  - FITTING NAILS:  
100 MICROINCHES MATTE TIN OVER 50 MICROINCHES NICKEL UNDERPLATE
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43743-0001.
  - PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES TO BE PACKAGED USING TAPE & REEL SYSTEM.
  - COPLANARITY SPECIFICATION:  
WHEN AN ASSEMBLY IS PLACED UPON A LEVEL SURFACE, THE MAXIMUM GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND BOTH FITTING NAILS IS .006/(0.15).
  - FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT AND REMOVED, THE MATING PORTION OF THE TERMINAL REMAINS INTACT. VOIDED CIRCUITS MUST BE THE SAME FOR BOTH PARTS.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

PC BOARD LAYOUT FOR  
8 POSITION HOUSING  
(COMPONENT SIDE OF BOARD)

PC BOARD LAYOUT FOR  
6 POSITION HOUSING  
(COMPONENT SIDE OF BOARD)

|                                                                                                                                   |                    |                                                                 |                                                      |        |                          |                                                                                                                                |                    |                                                                                                                              |                                                                                                              |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|------------------------------------------------------|--------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--|
| CORRECT NOTE #<br>EC NO: UCP2013-4879<br>DR: NGUYEN<br>CHKD: JRELL<br>APP: FSMITH<br>2013/05/31<br>2013/05/31<br>2013/06/07<br>G4 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE<br>IN/MM |                                                                                                                                | SCALE<br>2:1       | DESIGN UNITS<br>INCH                                                                                                         |  THIRD ANGLE PROJECTION |  |
|                                                                                                                                   |                    |                                                                 |                                                      | mm     | INCH                     | DRAWN BY<br>PEARSON                                                                                                            | DATE<br>01/07/97   | TITLE<br><div>4, 6 &amp; 8 CIRCUIT<br/>DUAL PORT SMT MODJACK</div> <div>molex</div> <div>DOCUMENT NO.<br/>SD-43841-001</div> | SHEET NO.<br>1 OF 2                                                                                          |  |
|                                                                                                                                   |                    |                                                                 | 4 PLACES                                             | ± ---  | ± ---                    | CHECKED BY<br>MUELLER                                                                                                          | DATE<br>01/07/97   |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | 3 PLACES                                             | ± ---  | ± .010                   | APPROVED BY<br>FSMITH                                                                                                          | DATE<br>2012/10/12 |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | 2 PLACES                                             | ± .025 | ± .015                   | SEE CHART                                                                                                                      |                    |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | 1 PLACE                                              | ± .38  | ± ---                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | 0 PLACE                                              | ± ---  | ± ---                    | MATERIAL NO.                                                                                                                   |                    |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | ANGULAR ±1/2°                                        |        |                          |                                                                                                                                |                    |                                                                                                                              |                                                                                                              |  |
|                                                                                                                                   |                    |                                                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |                          |                                                                                                                                |                    |                                                                                                                              |                                                                                                              |  |

| 13                   | 12                | 11              | 10                  | 9                            | 8                  |    |
|----------------------|-------------------|-----------------|---------------------|------------------------------|--------------------|----|
| ASSEMBLY<br>ITEM NO. | CONNECTOR<br>SIZE | CIRCUIT<br>SIZE | TERMINAL<br>PLATING | TAPE & REEL<br>PACKAGING NO. | VOIDED<br>CIRCUITS |    |
| 43841-0001           | 8                 | 4               | A                   | PK-70873-7004                | NA                 |    |
| 43841-0002           | 8                 | 6               | A                   | PK-70873-7004                |                    |    |
| 43841-0003           | 8                 | 8               | A                   | PK-70873-7004                |                    |    |
| 43841-0004           | 6                 | 4               | A                   | PK-70873-7003                |                    |    |
| 43841-0005           | 6                 | 6               | A                   | PK-70873-7003                |                    |    |
| 43841-0006           | 8                 | 4               | B                   | PK-70873-7004                |                    |    |
| 43841-0007           | 8                 | 6               | B                   | PK-70873-7004                |                    |    |
| 43841-0008           | 8                 | 8               | B                   | PK-70873-7004                |                    |    |
| 43841-0009           | 6                 | 4               | B                   | PK-70873-7003                |                    |    |
| 43841-0010           | 6                 | 6               | B                   | PK-70873-7003                |                    |    |
| 43841-0011           | 8                 | 4               | C                   | PK-70873-7004                |                    |    |
| 43841-0012           | 8                 | 6               | C                   | PK-70873-7004                |                    |    |
| 43841-0013           | 8                 | 8               | C                   | PK-70873-7004                |                    |    |
| 43841-0014           | 6                 | 4               | C                   | PK-70873-7003                |                    |    |
| 43841-0015           | 6                 | 6               | C                   | PK-70873-7003                |                    |    |
| 43841-0016           | 6                 | 2               | A                   | PK-70873-7003                |                    |    |
| 43841-0017           | 6                 | 2               | B                   | PK-70873-7003                |                    |    |
| 43841-0018           | 6                 | 2               | C                   | PK-70873-7003                |                    | NA |

| HOUSING<br>SIZE | CIRCUIT<br>SIZE | DIM. A         |
|-----------------|-----------------|----------------|
| 6               | 6               | .250<br>(6.35) |
| 6               | 4               | .150<br>(3.81) |
| 6               | 2               | .050<br>(1.27) |
| 8               | 8               | .350<br>(8.89) |
| 8               | 6               | .250<br>(6.35) |
| 8               | 4               | .150<br>(3.81) |

TAPE AND REEL PACKAGING

VIEW SHOWING TYPICAL TERMINAL CUTOFF  
OF TAIL (SEE NOTE 6) FOR VOIDED CIRCUITS.

SEE SHEET ONE

EC NO: UCP2013-4879

2013/05/31

DRWN:NGUYEN

2013/05/31

CHKD:JBELL

2013/06/07

APPR:FSMITH

REV

G4

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH   |
|----------|--------|--------|
| 4 PLACES | ± .--- | ± .--- |
| 3 PLACES | ± .--- | ± .010 |
| 2 PLACES | ± 0.25 | ± .015 |
| 1 PLACE  | ± .38  | ± .--- |
| 0 PLACE  | ± .--- | ± .--- |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

DRAWN BY  
PEARSON

DATE  
01/07/97

CHECKED BY  
MUELLER

DATE  
01/07/97

APPROVED BY  
FSMITH

DATE  
2012/10/12

TITLE  
4, 6 & 8 CIRCUIT  
DUAL PORT SMT MODJACK

THIRD ANGLE  
PROJECTION

MATERIAL NO.

SEE CHART

SIZE  
C

DOCUMENT NO.  
SD-43841-001

SHEET NO.  
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE  
2:1

DESIGN UNITS  
INCH

13

12

11

10

9

8

7

6

5

4

3

2

1

12

11

10

9

8

7

6

5

4

3

2

1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

43841-0014