

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0442480006](#)  
**Status:** **Active**  
**Overview:** [modular\\_plugs\\_jacks](#)  
**Description:** Modular Jack, Right Angle, Low Profile, Inverted, Lightpipes, 8/8, 4 Ports

**Documents:**  
[3D Model](#) [Product Specification PS-43860-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

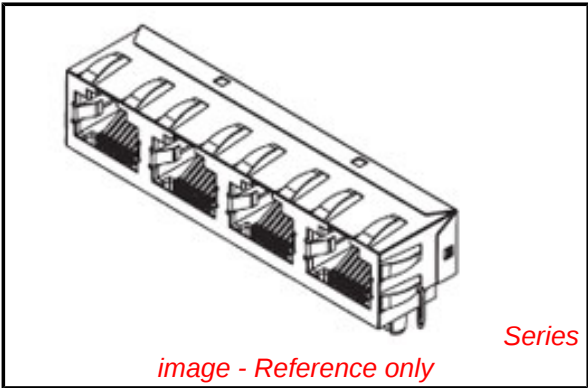
CSA LR19980  
UL E107635

**General**

Product Family Modular Jacks/Plugs  
Series [44248](#)  
Comments Industry Compatible  
Component Type PCB Jack  
Magnetic No  
Overview [modular\\_plugs\\_jacks](#)  
Performance Category 3  
Power over Ethernet (PoE) N/A  
Product Name RJ45

**Physical**

Boot Color N/A  
Color - Resin Black, Clear  
Durability (mating cycles max) 500  
Flammability 94V-0  
Inverted / Top Latch Yes  
Lightpipes/LEDs Lightpipes  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Polycarbonate, Polyester  
Orientation Right Angle (Side Entry)  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness Recommended (in) 0.062 In  
PCB Thickness Recommended (mm) 1.57 mm  
Packaging Type Tray  
Panel Mount With Flange  
Pitch - Mating Interface (in) 0.040 In  
Pitch - Mating Interface (mm) 1.02 mm  
Pitch - Term. Interface (in) 0.040 In  
Pitch - Term. Interface (mm) 1.02 mm  
Plating min: Mating (µin) 50  
Plating min: Mating (µm) 1.25  
Plating min: Termination (µin) 100  
Plating min: Termination (µm) 2.5  
Ports 4  
Positions / Loaded Contacts 8/8  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Through Hole  
Waterproof / Dustproof No



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[44248Series](#)

**Mates With**  
FCC 68 Plugs

|                                    |                                                                             |
|------------------------------------|-----------------------------------------------------------------------------|
| Wire/Cable Type                    | N/A                                                                         |
| <b>Electrical</b>                  |                                                                             |
| Current - Maximum per Contact      | 1.5A                                                                        |
| Grounding to PCB                   | No                                                                          |
| Shielded                           | No                                                                          |
| Voltage - Maximum                  | 150V AC (RMS)                                                               |
| <b>Solder Process Data</b>         |                                                                             |
| Lead-free Process Capability       | Wave Capable (TH only)                                                      |
| <b>Material Info</b>               |                                                                             |
| <b>Reference - Drawing Numbers</b> |                                                                             |
| Application Specification          | AS-43860-001                                                                |
| Packaging Specification            | PK-44248-004                                                                |
| Product Specification              | PS-43860-003, RPS-43860-004, RPS-43860-007,<br>RPS-43860-008, RPS-43860-013 |
| Sales Drawing                      | SD-44248-001                                                                |

This document was generated on 06/07/2010

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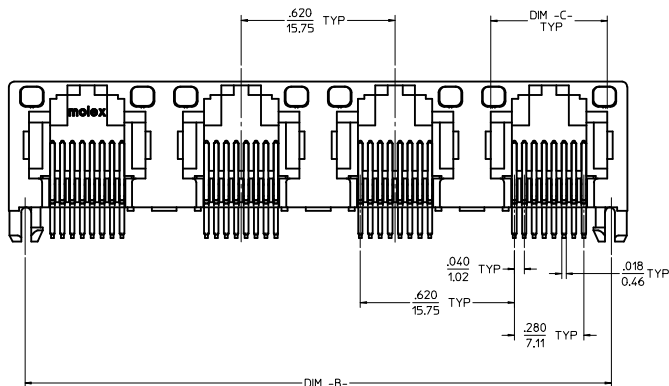
(SNAP-FIT PEG OPTION)

SCALE: NTS  
SEE NOTE #8

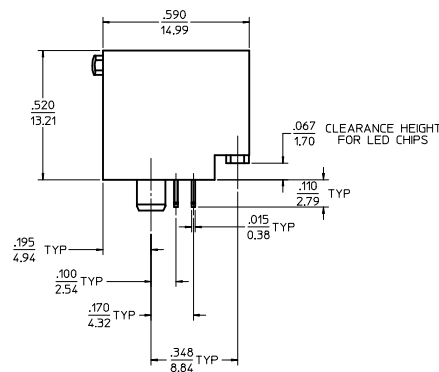


(PRESS-FIT PEG OPTION)

SCALE: NTS  
SEE NOTE #8



UNSHIELDED  
WITH LIGHT PIPES



## 8 CIRCUIT HOUSING(S)

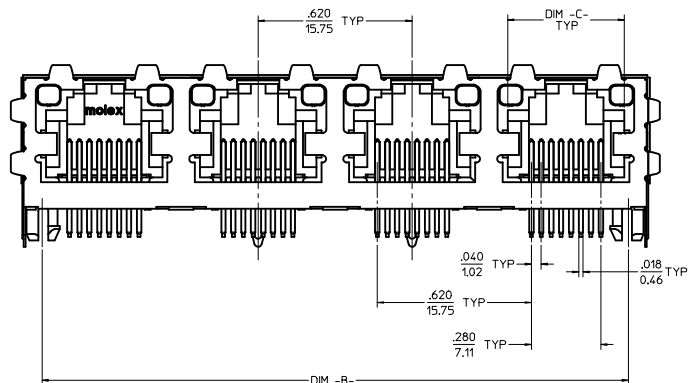
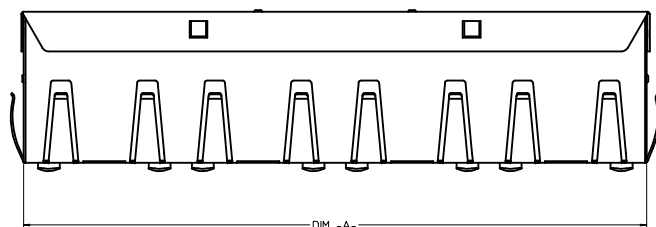
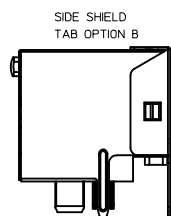
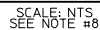
| ASSEMBLY MATERIAL NUMBER | NUMBER OF CIRCUITS | NUMBER OF PORTS | PEG STYLE | DIM -A-     | DIM -B-     | DIM -C-    |
|--------------------------|--------------------|-----------------|-----------|-------------|-------------|------------|
| 44248-0001               | 8                  | 2               | SNAP-FIT  | 1.250/31.75 | 1.120/28.45 | .469/11.92 |
| 44248-0002               | 8                  | 4               | SNAP-FIT  | 2.490/63.25 | 2.360/59.94 | .469/11.92 |
| 44248-0005               | 8                  | 2               | PRESS-FIT | 1.250/31.75 | 1.120/28.45 | .469/11.92 |
| 44248-0006               | 8                  | 4               | PRESS-FIT | 2.490/63.25 | 2.360/59.94 | .469/11.92 |

## 6 CIRCUIT HOUSING(S)

| ASSEMBLY MATERIAL NUMBER | NUMBER OF CIRCUITS | NUMBER OF PORTS | PEG STYLE | DIM -A-     | DIM -B-     | DIM -C-   |
|--------------------------|--------------------|-----------------|-----------|-------------|-------------|-----------|
| 44248-0009               | 6                  | 2               | SNAP-FIT  | 1.250/31.75 | 1.120/28.45 | .389/9.88 |
| 44248-0010               | 4                  | 2               | SNAP-FIT  | 1.250/31.75 | 1.120/28.45 | .389/9.88 |
| 44248-0011               | 6                  | 4               | SNAP-FIT  | 2.490/63.25 | 2.360/59.94 | .389/9.88 |
| 44248-0012               | 4                  | 4               | SNAP-FIT  | 2.490/63.25 | 2.360/59.94 | .389/9.88 |
| 44248-0017               | 6                  | 2               | PRESS-FIT | 1.250/31.75 | 1.120/28.45 | .389/9.88 |
| 44248-0018               | 4                  | 2               | PRESS-FIT | 1.250/31.75 | 1.120/28.45 | .389/9.88 |
| 44248-0019               | 6                  | 4               | PRESS-FIT | 2.490/63.25 | 2.360/59.94 | .389/9.88 |
| 44248-0020               | 4                  | 4               | PRESS-FIT | 2.490/63.25 | 2.360/59.94 | .389/9.88 |

- NOTES:  
1) MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK  
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR  
TERMINALS: PHOSPHOR BRONZE  
2) FINISH:  
TERMINALS:  
\*SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (127 MICROMETERS) MIN.  
\*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (127 MICROMETERS) MIN.  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD  
IN THE PC TAILS.  
3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.  
4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING  
SPECIFICATION PK-44248-004.  
5) APPLICATION SPECIFICATION: AS-43860-001  
6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.  
7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.  
8) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.  
THIS DRAWING SHOWS SNAP-FIT PEGS.  
9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).  
10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.

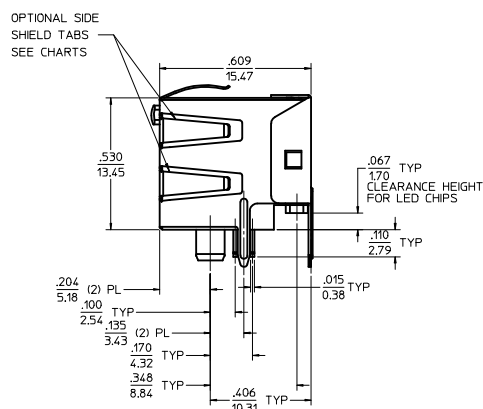
|                                                                                                                                  |                               |                                                            |       |                           |                  |                              |                      |                           |                                              |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------|-------|---------------------------|------------------|------------------------------|----------------------|---------------------------|----------------------------------------------|
| CHGD 0117 TO 0119<br>DEC NO: UCP2009-1482<br>DRAWN: KLOSTNER 08/12/10<br>CHKD: IELL 08/12/10<br>APPR: FSN110 08/12/10            | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED):                     |       | DIMENSION STYLE<br>IN/MM  |                  | SCALE<br>4:1                 | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION | TITLE<br>GANGED INVERTED<br>MODJACK ASSEMBLY |
|                                                                                                                                  |                               | mm                                                         | INCH  | DRAWN BY<br>MAYO          | DATE<br>98/10/06 | MOLEX                        | MOLEX INCORPORATED   |                           |                                              |
|                                                                                                                                  |                               | 4 PLACES ±---                                              | ±---  | CHECKED BY<br>ROBERTS     | DATE<br>98/10/06 |                              |                      |                           |                                              |
|                                                                                                                                  |                               | 3 PLACES ±---                                              | ±.010 | APPROVED BY<br>ROBERTS    | DATE<br>98/10/06 |                              |                      |                           |                                              |
| REV<br>C4                                                                                                                        | DESCRIPTION                   | 2 PLACES ±0.25                                             |       |                           |                  |                              |                      |                           |                                              |
|                                                                                                                                  |                               | 1 PLACE ±---                                               |       |                           |                  |                              |                      |                           |                                              |
|                                                                                                                                  |                               | ANGULAR ±1/2°                                              |       |                           |                  |                              |                      |                           |                                              |
|                                                                                                                                  |                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | MATERIAL NO.<br>SEE CHART |                  | DOCUMENT NO.<br>SD-44248-001 | SHEET NO.<br>1 OF 6  |                           |                                              |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                                                            |       |                           |                  |                              |                      |                           |                                              |



SHIELDED  
WITH LIGHT PIPES

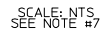
| (8) CIRCUIT HOUSING(S)   |                    |                 |           |                        |             |             |            |
|--------------------------|--------------------|-----------------|-----------|------------------------|-------------|-------------|------------|
| ASSEMBLY MATERIAL NUMBER | NUMBER OF CIRCUITS | NUMBER OF PORTS | PEG STYLE | SIDE SHIELD TAB OPTION | DIM -A-     | DIM -B-     | DIM -C-    |
| 44248-0029               | 8                  | 2               | SNAP-FIT  | A                      | 1.274/32.36 | 1.120/28.45 | .469/11.92 |
| 44248-0030               | 8                  | 4               | SNAP-FIT  | A                      | 2.514/63.86 | 2.360/59.94 | .469/11.92 |
| 44248-0033               | 8                  | 2               | PRESS-FIT | A                      | 1.274/32.36 | 1.120/28.45 | .469/11.92 |
| 44248-0034               | 8                  | 4               | PRESS-FIT | A                      | 2.514/63.86 | 2.360/59.94 | .469/11.92 |

| (6) CIRCUIT HOUSING(S)   |                    |                 |           |                        |             |             |           |
|--------------------------|--------------------|-----------------|-----------|------------------------|-------------|-------------|-----------|
| ASSEMBLY MATERIAL NUMBER | NUMBER OF CIRCUITS | NUMBER OF PORTS | PEG STYLE | SIDE SHIELD TAB OPTION | DIM -A-     | DIM -B-     | DIM -C-   |
| 44248-0037               | 6                  | 2               | SNAP-FIT  | A                      | 1.274/32.36 | 1.120/28.45 | .389/9.88 |
| 44248-0038               | 4                  | 2               | SNAP-FIT  | A                      | 1.274/32.36 | 1.120/28.45 | .389/9.88 |
| 44248-0039               | 6                  | 4               | SNAP-FIT  | A                      | 2.514/63.86 | 2.360/59.94 | .389/9.88 |
| 44248-0040               | 4                  | 4               | SNAP-FIT  | A                      | 2.514/63.86 | 2.360/59.94 | .389/9.88 |
| 44248-0045               | 6                  | 2               | PRESS-FIT | A                      | 1.274/32.36 | 1.120/28.45 | .389/9.88 |
| 44248-0046               | 4                  | 2               | PRESS-FIT | A                      | 1.274/32.36 | 1.120/28.45 | .389/9.88 |
| 44248-0047               | 6                  | 4               | PRESS-FIT | A                      | 2.514/63.86 | 2.360/59.94 | .389/9.88 |
| 44248-0048               | 4                  | 4               | PRESS-FIT | A                      | 2.514/63.86 | 2.360/59.94 | .389/9.88 |



- NOTES:
- 1) MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK  
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS
  - 2) FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.  
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (1.27 MICROMETERS) MIN.  
SHIELD:  
\*100 MICROINCHES (2.54 MICROMETERS) NICKEL OVER 50 MICROINCHES (1.27 MICROMETERS) COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX I OF DIRECTIVE 2000/53/EC",  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN  
THE PCB TALS AND/OR SHIELD.
  - 3) PRODUCT SPECIFICATIONS AND PROCESSING PARAMETERS: PS-43860-003.
  - 4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING  
SPECIFICATION PK-42248-004.
  - 5) APPLICATION SPECIFICATION: AS-43860-001
  - 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - 8) MOD JACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.  
THIS DRAWING SHOWS SNAP-FIT PEGS.
  - 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
  - 10) THIS PACK CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.

|                                                                                                                                                                      |                             |                                                            |                  |                      |                                                                        |                                                                                                                                               |                                              |                        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------|------------------|----------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|--|--|
| <div>SEE SHEET 1</div> <div>EC NO: UCT-2009-A482</div> <div>DRAWN: JADISTENE LER 2008/12/10</div> <div>CHKD: BELL 2008/12/10</div> <div>APPR: SMITH 2008/12/10</div> | QUALITY SYMBOLS             | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                  | DIMENSION STYLE      |                                                                        | SCALE                                                                                                                                         | DESIGN UNITS                                 | THIRD ANGLE PROJECTION |  |  |
|                                                                                                                                                                      | <div>=0</div> <div>=0</div> | mm                                                         | INCH             | IN/MM                |                                                                        | 4:1                                                                                                                                           | INCH                                         |                        |  |  |
|                                                                                                                                                                      |                             | 4 PLACES ±<br>3 PLACES ±<br>2 PLACES ±0.25<br>1 PLACE ±    | ±<br>±<br>±<br>± | ±<br>±.010<br>±<br>± | DRAWN BY<br>MMAYO<br>CHECKED BY<br>JROBERTS<br>APPROVED BY<br>JROBERTS | DATE<br>98/10/06<br>DATE<br>98/10/06<br>DATE<br>98/10/06                                                                                      | TITLE<br>GANGED INVERTED<br>MODJACK ASSEMBLY |                        |  |  |
|                                                                                                                                                                      |                             | ANGULAR ±1/2°                                              |                  | MATERIAL NO.         |                                                                        | DOCUMENT NO.                                                                                                                                  |                                              | MOLEX INCORPORATED     |  |  |
|                                                                                                                                                                      | REVISION                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  | SIZE<br>D            |                                                                        | SEE CHART<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                              |                        |  |  |
|                                                                                                                                                                      |                             |                                                            |                  |                      |                                                                        | SD-44248-001<br>SHEET NO. 2 OF 6                                                                                                              |                                              |                        |  |  |

8 CIRCUIT HOUSING(S)6 CIRCUIT HOUSING(S)

- NOTES:
- 1) MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE
  - 2) FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (127 MICROMETERS) MIN.  
• CONTACT TIN IN PC TAIL AREA: 100 MICROINCHES (25.4 MICROMETERS) MIN.  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (127 MICROMETERS) MIN.  
• THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX I OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD  
IN THE PC TAILS.
  - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.  
CONNECTION SPECIFICATION:  
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING  
SPECIFICATION PK-44248-004.
  - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.  
CONFORMS TO REGULATION PART 685 FOR MODULAR JACKS.
  - 7) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS,  
THIS DRAWING SHOWS SNAP-FIT PEGS.
  - 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
  - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.

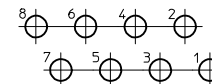
UNSHIELDED

|                   |                               |                                                            |                                                                                                                                          |                              |                                              |                           |
|-------------------|-------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------|---------------------------|
| SEE SHEET 1<br>C4 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   | DIMENSION STYLE<br>IN/MM                                                                                                                 | SCALE<br>4:1                 | DESIGN UNITS<br>INCH                         | THIRD ANGLE<br>PROJECTION |
|                   |                               | mm INCH                                                    | DRAWN BY<br>MAYO                                                                                                                         | DATE<br>98/10/06             | TITLE<br>GANGED INVERTED<br>MODJACK ASSEMBLY |                           |
|                   |                               | 4 PLACES ± ± ± ±                                           | CHECKED BY<br>JROBERTS                                                                                                                   | DATE<br>98/10/06             |                                              |                           |
|                   |                               | 3 PLACES ± ± ± ±.010                                       | APPROVED BY<br>JROBERTS                                                                                                                  | DATE<br>98/10/06             | MOLEX MOLEX INCORPORATED                     |                           |
|                   |                               | 2 PLACES ± ± ± ±.025                                       |                                                                                                                                          |                              |                                              |                           |
|                   | 1 PLACE ± ± ± ±               | ANGULAR ±1/2°                                              | MATERIAL NO.<br>SEE CHART                                                                                                                | DOCUMENT NO.<br>SD-44248-001 | SHEET NO.<br>3 OF 6                          |                           |
| REV               | DESCRIPTION                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | SIZE<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              |                                              |                           |





| NUMBER OF PORTS | DIM -B-     | DIM -C-     |
|-----------------|-------------|-------------|
| 2               | 1.120/28.45 | 1.280/32.51 |
| 4               | 2.360/59.94 | 2.520/64.01 |



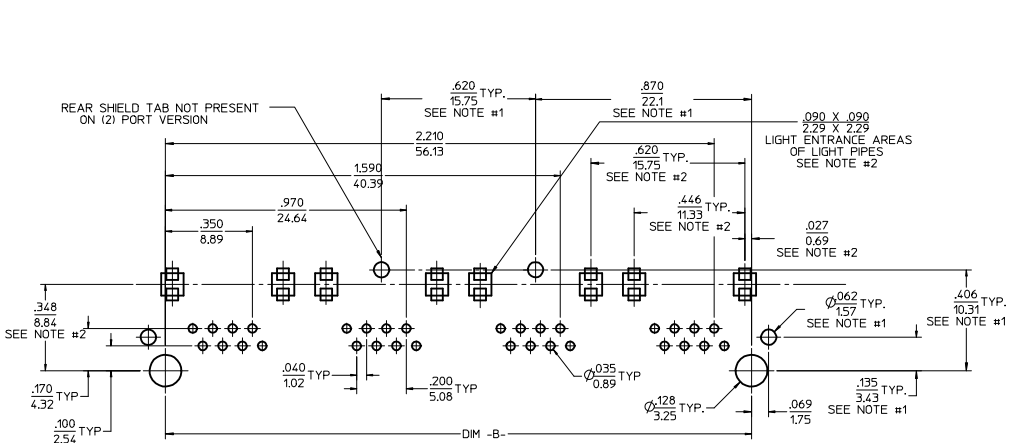
TYPICAL PC TERMINAL HOLE LAYOUT  
(8) CIRCUIT CONFIGURATION  
SCALE: 10:1

NOTES:

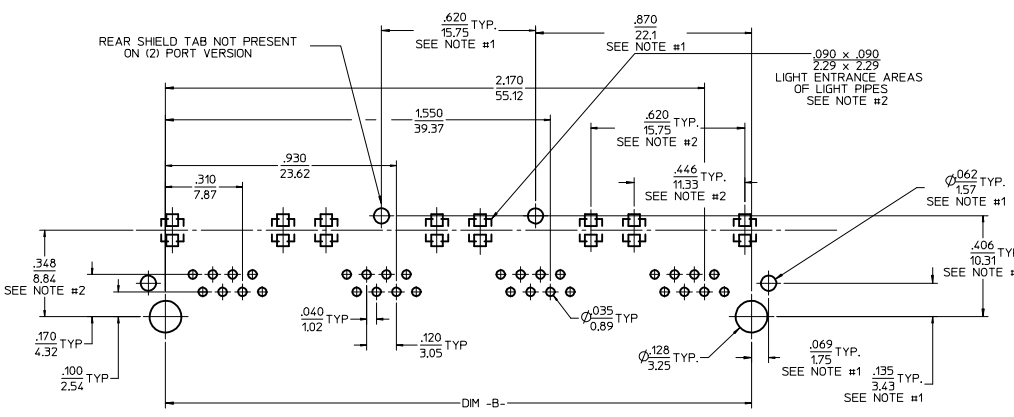
- 1) DIMENSIONS MARKED "SEE NOTE #1" REFER TO ASSEMBLIES WITH THE SHIELDING OPTION INCLUDED
- 2) DIMENSIONS MARKED "SEE NOTE #2" REFER TO ASSEMBLIES WITH THE LIGHT PIPE OPTION INCLUDED
- 3) FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

|                                                                                                                    |                 |                                                      |             |                                                                                                                               |                          |                                  |              |                        |
|--------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|--------------|------------------------|
| <b>SEE SHEET 1</b><br>REC NO: UCP2005-1482<br>DRAWING: MOLEX EPR 2008/12/10<br>CHKD: BELL<br>APPR: F-SH 2008/12/10 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |             | DIMENSION STYLE                                                                                                               |                          | SCALE                            | DESIGN UNITS | THIRD ANGLE PROJECTION |
|                                                                                                                    | <br><br><br>    | mm                                                   | INCH        | DRAWN BY                                                                                                                      | DATE                     | TITLE                            |              |                        |
|                                                                                                                    |                 | 4 PLACES ±.000                                       | ±.000       | MMAYO                                                                                                                         | 98/10/06                 | GANGED INVERTED MODJACK ASSEMBLY |              |                        |
|                                                                                                                    |                 | 3 PLACES ±.010                                       | ±.010       | CHECKED BY                                                                                                                    | DATE                     |                                  |              |                        |
|                                                                                                                    | 2 PLACES ±.025  | ±.025                                                | JROBERTS    | 98/10/06                                                                                                                      |                          |                                  |              |                        |
|                                                                                                                    | 1 PLACE ±.050   | ±.050                                                | APPROVED BY | DATE                                                                                                                          |                          |                                  |              |                        |
|                                                                                                                    |                 |                                                      | JROBERTS    | 98/10/06                                                                                                                      | MOLEX MOLEX INCORPORATED |                                  |              |                        |
|                                                                                                                    |                 | ANGULAR ±1/2°                                        |             | MATERIAL NO.                                                                                                                  |                          | DOCUMENT NO.                     | SHEET NO.    |                        |
|                                                                                                                    |                 |                                                      |             | N/A                                                                                                                           |                          | SD-44248-001                     | 5 OF 6       |                        |
|                                                                                                                    |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                          |                                  |              |                        |

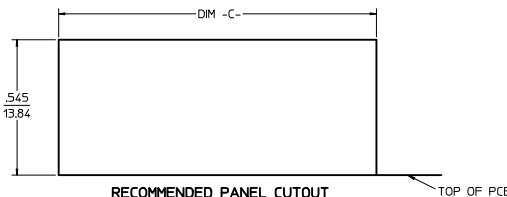
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



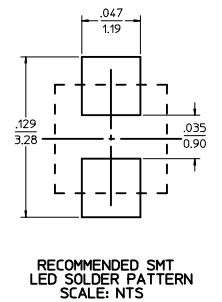
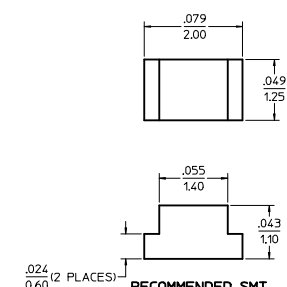
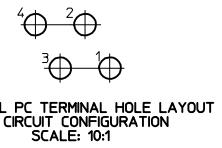
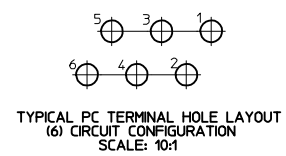
6 CIRCUIT PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/.157  
TOLERANCE ±.003/.076 UNLESS OTHERWISE SPECIFIED



4 CIRCUIT PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/.157  
TOLERANCE ±.003/.076 UNLESS OTHERWISE SPECIFIED



| NUMBER OF PORTS | DIM -B-     | DIM -C-     |
|-----------------|-------------|-------------|
| 2               | 1.120/28.45 | 1.280/32.51 |
| 4               | 2.360/59.94 | 2.520/64.01 |



- NOTES:
- 1) DIMENSIONS MARKED "SEE NOTE #1" REFER TO ASSEMBLIES WITH SHIELDING OPTION INCLUDED
  - 2) DIMENSIONS MARKED "SEE NOTE #2" REFER TO ASSEMBLIES WITH THE LIGHT PIPE OPTION INCLUDED
  - 3) FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

|                                                                                                                                      |                               |                                                                                                                                                                                                   |                                                                                            |                                           |                                                     |                     |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------|
| SEE SHEET 1<br>REV C4<br>DEC NO: UCP2009-1482<br>DRAWN: KLOSTERMEIER 2008/12/10<br>CHKD: BELL 2008/12/10<br>APPROV: SMITH 2008/12/10 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED):<br>mm INCH<br>4 PLACES ±.010<br>3 PLACES ±.010<br>2 PLACES ±.025<br>1 PLACE ±.050<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>IN/MM<br>SCALE<br>4:1<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION | TITLE<br>GANGED INVERTED MODJACK ASSEMBLY | MATERIAL NO.<br>N/A<br>DOCUMENT NO.<br>SD-44248-001 | SHEET NO.<br>6 OF 6 |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------|