

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0432498900](#)  
**Status:** **Active**  
**Overview:** [modular\\_plugs\\_jacks](#)  
**Description:** Modular Jack, Right Angle, Low Profile, 8/10, Panel Stops

**Documents:**

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PSX-43249 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>  |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Family            | Modular Jacks/Plugs                 |
| Series                    | <a href="#">43249</a>               |
| Component Type            | PCB Jack                            |
| Magnetic                  | No                                  |
| Overview                  | <a href="#">modular_plugs_jacks</a> |
| Performance Category      | 3, 4                                |
| Power over Ethernet (PoE) | N/A                                 |
| Product Name              | RJ45                                |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | No                             |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| 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)   | 0.050 In                       |
| Pitch - Term. Interface (mm)   | 1.27 mm                        |
| Plating min: Mating (µin)      | 50                             |
| Plating min: Mating (µm)       | 1.25                           |
| Plating min: Termination (µin) | 100                            |
| Plating min: Termination (µm)  | 2.5                            |
| Ports                          | 1                              |
| Positions / Loaded Contacts    | 8/10                           |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole                   |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |

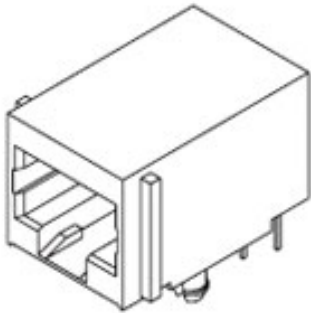


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**

**China RoHS**



**Not Reviewed**

**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**  
[43249Series](#)

**Mates With**  
FCC 68 Plugs

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Grounding to PCB              | Yes           |
| Grounding to Panel            | None          |
| Shielded                      | Yes           |
| Voltage - Maximum             | 150V AC (RMS) |

**Solder Process Data**

|                                                |                        |
|------------------------------------------------|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 260                    |

**Material Info**

**Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-44050-004 |
| Product Specification   | PSX-43249    |
| Sales Drawing           | SDA-43249    |

This document was generated on 06/07/2010

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# NOTES:

## 1) MATERIAL:

HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
 INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
 TERMINALS: PHOSPHOR BRONZE, .012/(0.30) THICK  
 SHIELD: BRASS, .007/(0.18) THICK

## 2) FINISH:

### TERMINALS:

- A = 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.  
 B = SELECT GOLD IN CONTACT AREA: 30 MICROINCHES / 0.76 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 II OF DIRECTIVE 2000/53/EC".  
 CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD  
 IN THE PC TAILS AND/OR SHIELD.

## 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43249.

## 4) PACKAGING SPECIFICATION:

- UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS  
 PER MOLEX PACKAGING SPECIFICATION PK-43249-004.  
 UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TUBES  
 PER MOLEX PACKAGING SPECIFICATION PK-43249-005.  
 SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS  
 PER MOLEX PACKAGING SPECIFICATION PK-44050-004.

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

## 6) SEE SHEET 3 FOR SHIELDED JACK ASSEMBLY.

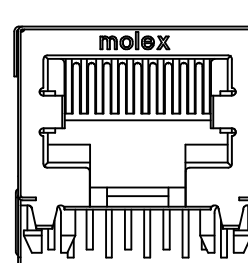
## 7) SEE SHEETS 5 & 6 FOR P.C. BOARD LAYOUTS.

## 8) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

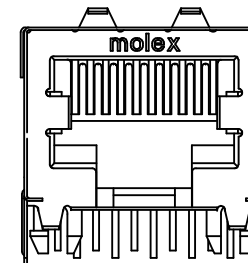
## 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

## 10) THIS PART CONFORMS TO FCC REGULATION 68.5 AND TIA 1096 FOR MODULAR JACKS.

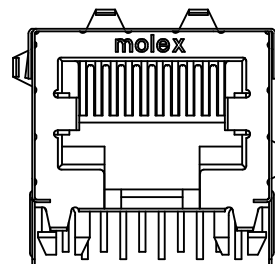
# SIDE/TOP GROUND TAB OPTIONS FOR SHIELDS



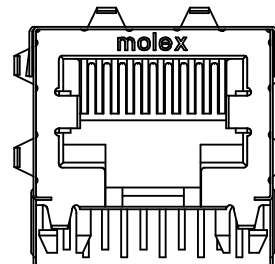
OPTION "A"  
NO TOP OR SIDE TABS



OPTION "B"  
TOP TABS

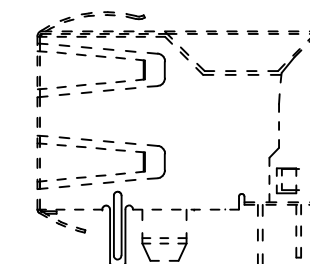


OPTION "C"  
TOP AND STAGGERED SIDE TABS

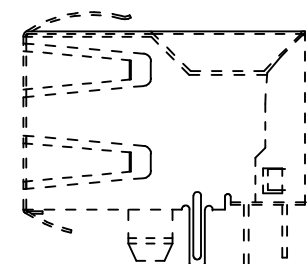


OPTION "D"  
TOP AND SIDE TABS

# BOTTOM PCB GROUND TAB OPTIONS FOR SHIELDS



OPTION "E"  
OPTIONAL FRONT POSITION



OPTION "F"  
OPTIONAL REAR POSITION

NOTE: EITHER PCB GROUND TAB OPTION IS AVAILABLE  
ON ALL SIDE/TOP TAB CONFIGURATIONS

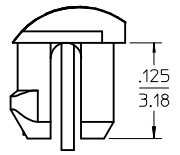
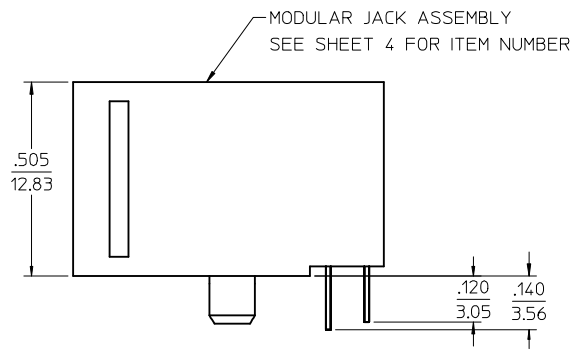
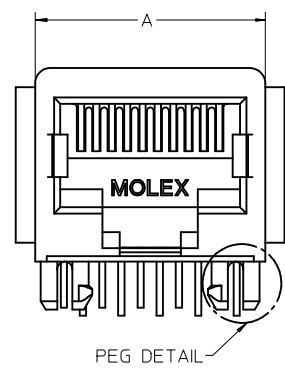
## DRAWING LEGEND

- SHEET 1- NOTES, GROUND TAB OPTIONS  
 SHEET 2- UNSHIELDED MODULAR JACK  
 SHEET 3- SHIELDED MODULAR JACK WITH  
 OPTIONAL SIDE/TOP GROUND TABS & BOTTOM GROUND  
 TAB WITH OPTIONAL POSITION.  
 SHEET 4- PART NUMBER CHARTS  
 SHEET 5- FOOTPRINT LAYOUT FOR 8 POSITION HOUSING  
 SHEET 6- FOOTPRINT LAYOUT FOR 6 POSITION HOUSING

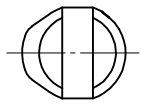
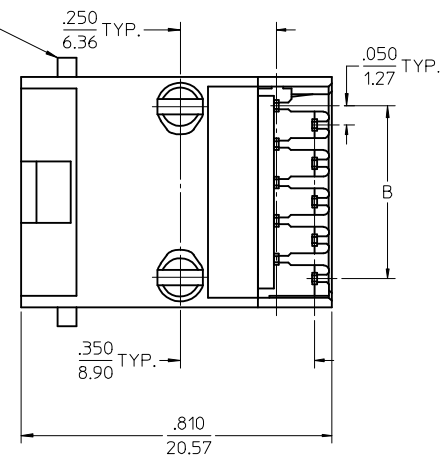
|                                                                                                                           |             |                                       |                                                            |        |                          |                                                                                                                               |                    |                                                           |                           |           |  |  |
|---------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|------------------------------------------------------------|--------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------|---------------------------|-----------|--|--|
| ADDED NOTE 10<br>EC NO: UCP2009-0740<br>DRWN: KLOSTERNER 2008/09/29<br>CHKD: JEBELL 2008/10/03<br>APPR: FSMITH 2008/10/03 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM |                                                                                                                               | SCALE<br>4:1       | DESIGN UNITS<br>INCH                                      | THIRD ANGLE<br>PROJECTION |           |  |  |
|                                                                                                                           |             |                                       |                                                            | mm     | INCH                     | DRAWN BY<br>JTR                                                                                                               | DATE<br>1993/06/23 | TITLE<br>LOW PROFILE RIGHT ANGLE<br>MODULAR JACK ASSEMBLY |                           |           |  |  |
|                                                                                                                           |             |                                       | 4 PLACES                                                   | ± ---  | ± ---                    | CHECKED BY                                                                                                                    | DATE               |                                                           |                           |           |  |  |
|                                                                                                                           |             |                                       | 3 PLACES                                                   | ± ---  | ± .010                   | JTR                                                                                                                           | 1993/06/23         |                                                           |                           |           |  |  |
|                                                                                                                           |             |                                       | 2 PLACES                                                   | ± 0.25 | ± ---                    | APPROVED BY                                                                                                                   | DATE               | molex MOLEX INCORPORATED                                  |                           |           |  |  |
|                                                                                                                           |             |                                       | 1 PLACE                                                    | ± ---  | ± ---                    | RAS                                                                                                                           | 1993/06/23         |                                                           |                           |           |  |  |
|                                                                                                                           |             |                                       | ANGULAR ±1/2°                                              |        | MATERIAL NO.             |                                                                                                                               | DOCUMENT NO.       |                                                           |                           | SHEET NO. |  |  |
|                                                                                                                           |             |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SEE SHEET 4              |                                                                                                                               | SDA-43249          |                                                           |                           | 1 OF 6    |  |  |
| K1                                                                                                                        | REV         |                                       |                                                            |        | SIZE                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                           |                           |           |  |  |

# UNSHIELDED MODULAR JACK

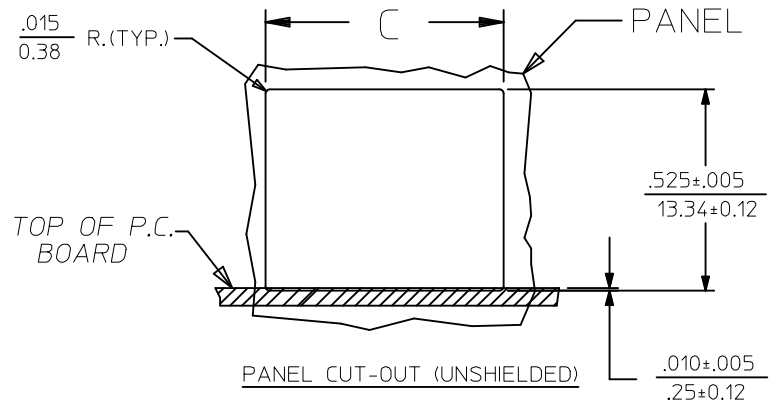
8 POSITION LOADED 10 SIZE SHOWN



OPTIONAL FLANGE  
USED FOR FLUSH  
MODULAR JACK



PEG DETAIL  
SCALE 8:1

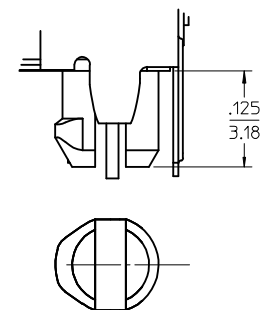
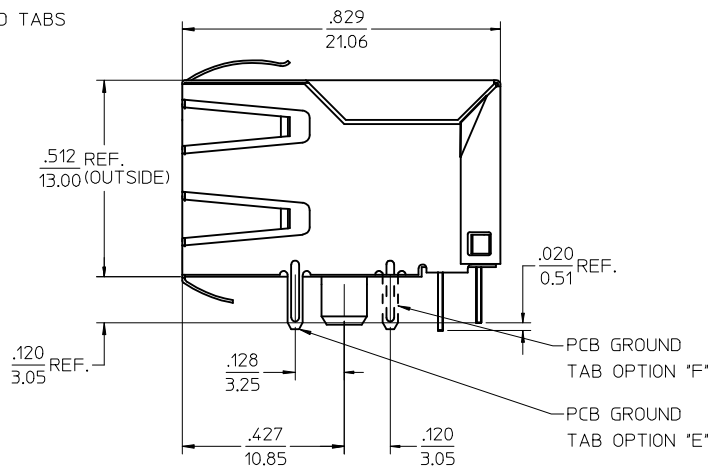
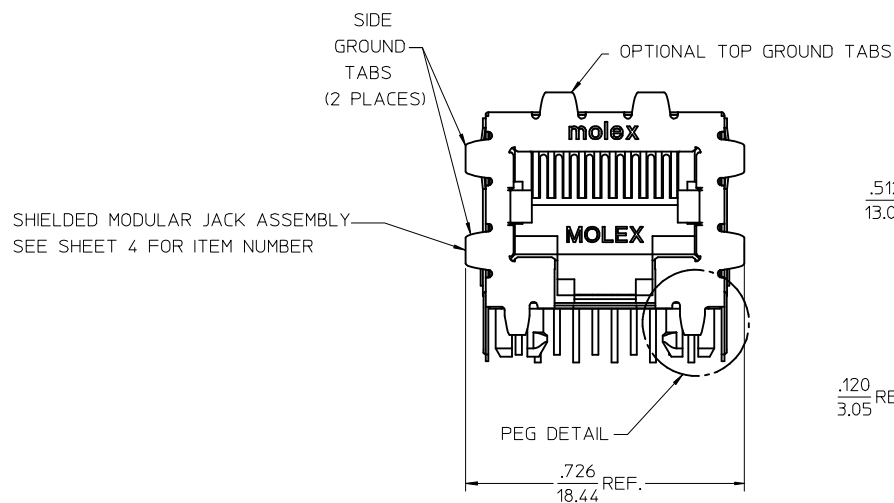


| HOUSING SIZE | CIRCUIT SIZE | DIM. A                    | DIM. B                    | DIM. C                    |
|--------------|--------------|---------------------------|---------------------------|---------------------------|
| 8            | 10           | .600±.005<br>(15.24±0.13) | .450±.005<br>(11.43±0.13) | .620±.005<br>(15.75±0.13) |
| 8            | 8            | .600±.005<br>(15.24±0.13) | .350±.005<br>(8.89±0.13)  | .620±.005<br>(15.75±0.13) |
| 8            | 4            | .600±.005<br>(15.24±0.13) | .150±.005<br>(3.81±0.13)  | .620±.005<br>(15.75±0.13) |
| 8            | 6            | .600±.005<br>(15.24±0.13) | .250±.005<br>(6.35±0.13)  | .620±.005<br>(15.75±0.13) |
| 6            | 6            | .520±.005<br>(13.21±0.13) | .250±.005<br>(6.35±0.13)  | .540±.005<br>(13.72±0.13) |
| 6            | 4            | .520±.005<br>(13.21±0.13) | .150±.005<br>(3.81±0.13)  | .540±.005<br>(13.72±0.13) |
| 6            | 2            | .520±.005<br>(13.21±0.13) | .050±.005<br>(1.27±0.13)  | .540±.005<br>(13.72±0.13) |

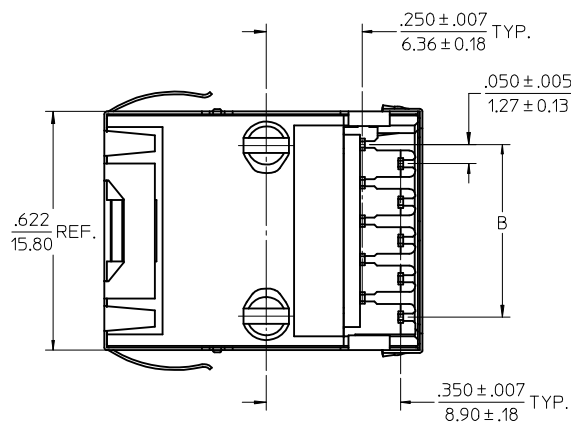
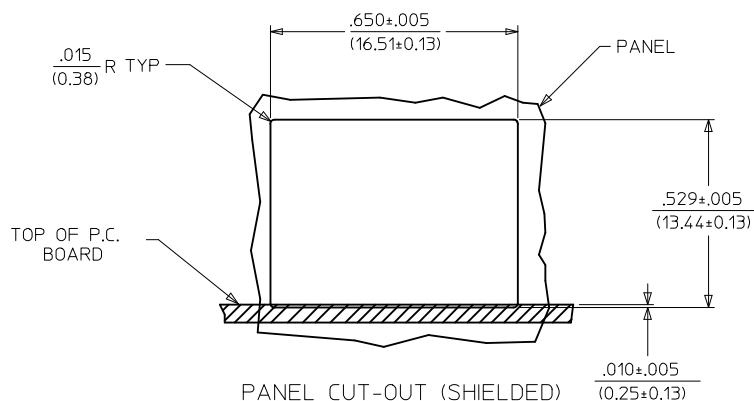
|                                                                                                                        |                               |                                                      |                       |                                                                                                                               |                    |                                                        |                      |                        |  |  |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------|----------------------|------------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2009-0740<br>DRWN: JLOSTEME/ER 2008/09/29<br>CHKD: JBEL 2008/10/03<br>APPR: FSMITH 2008/10/03 | 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 PROJECTION |  |  |
|                                                                                                                        |                               | 4 PLACES ± --- ± ---                                 | 3 PLACES ± --- ± .010 | DRAWN BY<br>JTR                                                                                                               | DATE<br>1993/06/23 | TITLE<br>LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY |                      |                        |  |  |
|                                                                                                                        |                               | 2 PLACES ± 0.25 ± ---                                | 1 PLACE ± --- ± ---   | CHECKED BY<br>JTR                                                                                                             | DATE<br>1993/06/23 |                                                        |                      |                        |  |  |
|                                                                                                                        |                               | ANGULAR ± 1/2°                                       |                       | APPROVED BY<br>RAS                                                                                                            | DATE<br>1993/06/23 | MATERIAL NO.<br>SDA-43249                              |                      |                        |  |  |
|                                                                                                                        |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                       | SEE SHEET 4                                                                                                                   |                    |                                                        |                      |                        |  |  |
| REV                                                                                                                    |                               | SIZE                                                 |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    | DOCUMENT NO.                                           |                      | SHEET NO.<br>2 OF 6    |  |  |

# MODULAR JACK W/ .007" THICK SHIELD AND OPTIONAL GROUND TABS

8 LOADED 10 VERSION SHOWN WITH GROUND TAB OPTIONS "D" AND "E"



PEG DETAIL  
SCALE 8:1



DESCRIPTION OF GROUND TAB OPTIONS:  
(SEE SHEET 4 FOR AVAILABLE COMBINATIONS OF OPTIONS)

| GROUND TAB OPTION | DESCRIPTION                      |
|-------------------|----------------------------------|
| A                 | NO GROUND TABS                   |
| B                 | TOP TABS ONLY                    |
| C                 | STAGGERED SIDE TABS              |
| D                 | TOP AND SIDE TABS                |
| E                 | PCB GROUND TAB IN FRONT POSITION |
| F                 | PCB GROUND TAB IN REAR POSITION  |

| HOUSING SIZE | CIRCUIT SIZE | B                           |
|--------------|--------------|-----------------------------|
| 8            | 10           | .450 ± .005<br>11.43 ± 0.13 |
| 8            | 8            | .350 ± .005<br>8.89 ± 0.13  |

SEE SHEET 1  
EC NO: UCP2009-0740  
DRWN: JKLOSTERER 2008/09/29  
CHKD: JELL 2008/10/03  
APPR: FSMITH 2008/10/03

QUALITY SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|            | mm     | INCH   |
|------------|--------|--------|
| 4 PLACES ± | ± .010 | ± .004 |
| 3 PLACES ± | ± .010 | ± .004 |
| 2 PLACES ± | ± .025 | ± .010 |
| 1 PLACE ±  | ± .050 | ± .020 |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

DRAWN BY DATE  
JTR 1993/06/23

CHECKED BY DATE  
JTR 1993/06/23

APPROVED BY DATE  
RAS 1993/06/23

MATERIAL NO.  
SEE SHEET 4

SIZE  
C

SCALE  
4:1

DESIGN UNITS  
INCH

THIRD ANGLE PROJECTION

TITLE  
LOW PROFILE RIGHT ANGLE  
MODULAR JACK ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.  
SDA-43249

SHEET NO.  
3 OF 6

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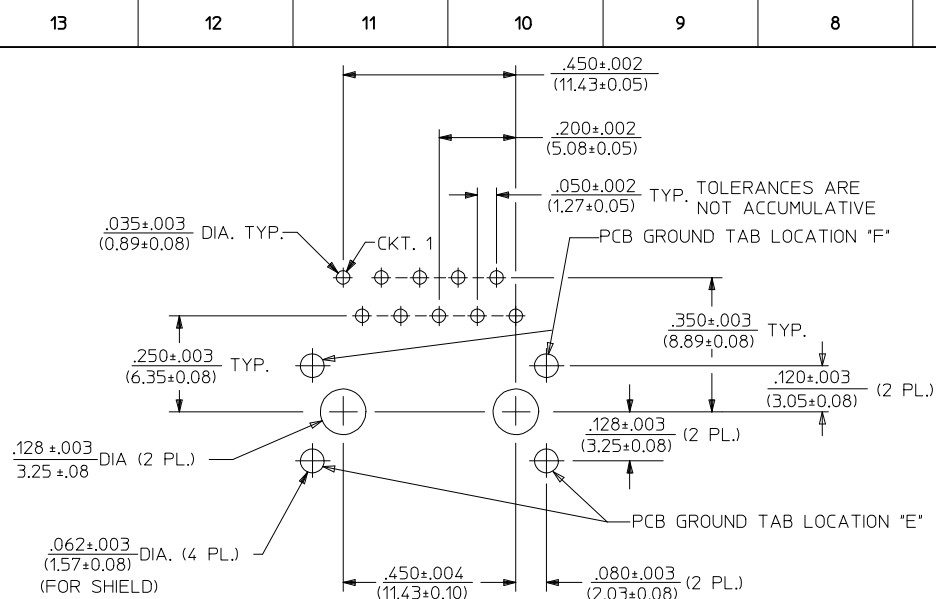
|                            |                   |                          |                               |   |                            |               |                          |                               |                                        |                          |   |                     |
|----------------------------|-------------------|--------------------------|-------------------------------|---|----------------------------|---------------|--------------------------|-------------------------------|----------------------------------------|--------------------------|---|---------------------|
| 13                         | 12                | 11                       | 10                            | 9 | 8                          | 7             | 6                        | 5                             | 4                                      | 3                        | 2 | 1                   |
| FLUSH MOUNT (UNSHIELDED)   |                   |                          |                               |   | SHIELDED, .007" THICK      |               |                          |                               |                                        |                          |   |                     |
| ASSEMBLY<br>ITEM<br>NUMBER | CONNECTOR<br>SIZE | NUMBER<br>OF<br>CIRCUITS | TERMINAL<br>PLATING<br>OPTION |   | ASSEMBLY<br>ITEM<br>NUMBER | CONN.<br>SIZE | NUMBER<br>OF<br>CIRCUITS | TERMINAL<br>PLATING<br>OPTION | SIDE/TOP<br>PANEL GROUND<br>TAB OPTION | PCB GROUND<br>TAB OPTION |   | PACKAGING<br>OPTION |
| 43249-8001                 | 8                 | 10                       | A                             |   | 43249-8900                 | 8             | 10                       | A                             | A                                      | E                        |   | TRAY                |
| 43249-8004                 | 8                 | 8                        | A                             |   | 43249-8901                 | 8             | 10                       | A                             | B                                      | E                        |   | TRAY                |
| 43249-8010                 | 8                 | 6                        | A                             |   | 43249-8902                 | 8             | 10                       | A                             | C                                      | E                        |   | TRAY                |
| 43249-6001                 | 6                 | 6                        | A                             |   | 43249-8903                 | 8             | 10                       | A                             | D                                      | E                        |   | TRAY                |
| 43249-6004                 | 6                 | 4                        | A                             |   | 43249-8908                 | 8             | 10                       | A                             | A                                      | F                        |   | TRAY                |
| 43249-6007                 | 6                 | 2                        | A                             |   | 43249-8909                 | 8             | 10                       | A                             | B                                      | F                        |   | TRAY                |

| FLANGELESS (UNSHIELDED)    |                   |                          |                               |
|----------------------------|-------------------|--------------------------|-------------------------------|
| ASSEMBLY<br>ITEM<br>NUMBER | CONNECTOR<br>SIZE | NUMBER<br>OF<br>CIRCUITS | TERMINAL<br>PLATING<br>OPTION |
| 43249-8101                 | 8                 | 10                       | A                             |
| 43249-8102                 | 8                 | 10                       | B                             |
| 43249-8104                 | 8                 | 8                        | A                             |
| 43249-8105                 | 8                 | 8                        | B                             |
| 43249-8116                 | 8                 | 6                        | A                             |
| 43249-8119                 | 8                 | 4                        | A                             |
| 43249-6101                 | 6                 | 6                        | A                             |
| 43249-6104                 | 6                 | 4                        | A                             |
| 43249-6107                 | 6                 | 2                        | A                             |

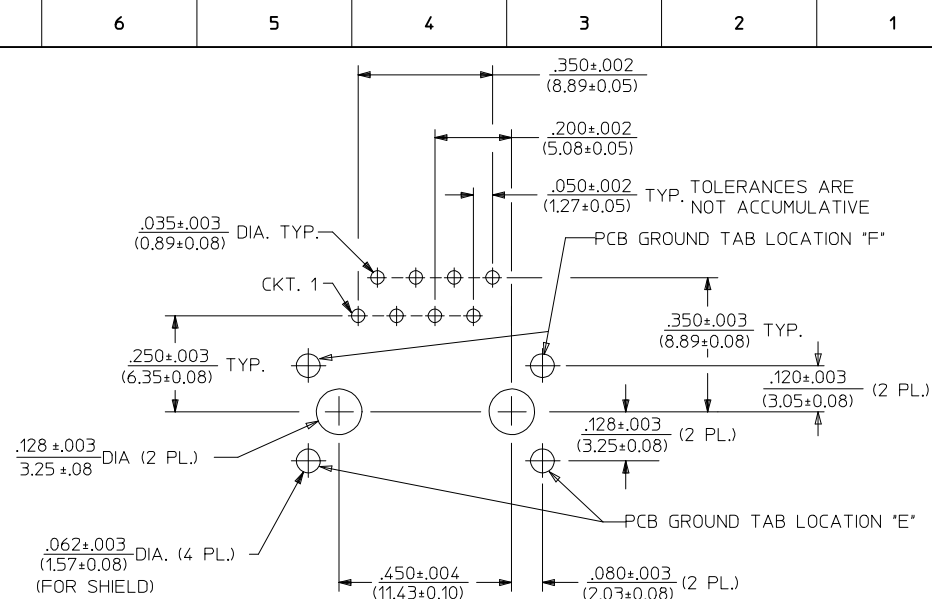
|                         |   |   |   |
|-------------------------|---|---|---|
| FLANGELESS (UNSHIELDED) |   |   |   |
| (SHIPPED IN TUBES)      |   |   |   |
| 43249-6501              | 6 | 6 | A |
| 43249-6504              | 6 | 4 | A |

| SHIELDED, .007" THICK      |               |                          |                               |                                        |                          |                     |
|----------------------------|---------------|--------------------------|-------------------------------|----------------------------------------|--------------------------|---------------------|
| ASSEMBLY<br>ITEM<br>NUMBER | CONN.<br>SIZE | NUMBER<br>OF<br>CIRCUITS | TERMINAL<br>PLATING<br>OPTION | SIDE/TOP<br>PANEL GROUND<br>TAB OPTION | PCB GROUND<br>TAB OPTION | PACKAGING<br>OPTION |
| 43249-8900                 | 8             | 10                       | A                             | A                                      | E                        | TRAY                |
| 43249-8901                 | 8             | 10                       | A                             | B                                      | E                        | TRAY                |
| 43249-8902                 | 8             | 10                       | A                             | C                                      | E                        | TRAY                |
| 43249-8903                 | 8             | 10                       | A                             | D                                      | E                        | TRAY                |
| 43249-8908                 | 8             | 10                       | A                             | A                                      | F                        | TRAY                |
| 43249-8909                 | 8             | 10                       | A                             | B                                      | F                        | TRAY                |
| 43249-8910                 | 8             | 10                       | A                             | C                                      | F                        | TRAY                |
| 43249-8911                 | 8             | 10                       | A                             | D                                      | F                        | TRAY                |
| 43249-8916                 | 8             | 8                        | A                             | A                                      | E                        | TRAY                |
| 43249-8917                 | 8             | 8                        | A                             | B                                      | E                        | TRAY                |
| 43249-8918                 | 8             | 8                        | A                             | C                                      | E                        | TRAY                |
| 43249-8919                 | 8             | 8                        | A                             | D                                      | E                        | TRAY                |
| 43249-8920                 | 8             | 8                        | B                             | A                                      | E                        | TRAY                |
| 43249-8924                 | 8             | 8                        | A                             | A                                      | F                        | TRAY                |
| 43249-8925                 | 8             | 8                        | A                             | B                                      | F                        | TRAY                |
| 43249-8926                 | 8             | 8                        | A                             | C                                      | F                        | TRAY                |
| 43249-8927                 | 8             | 8                        | A                             | D                                      | F                        | TRAY                |

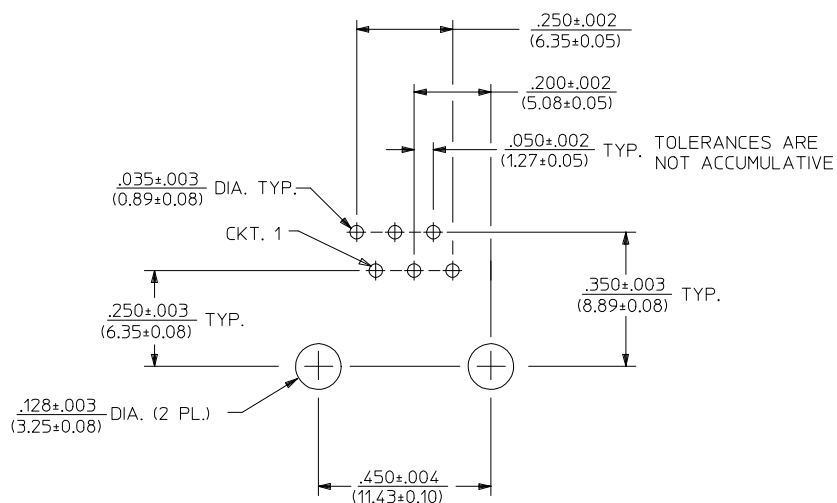
| SEE SHEET 1 | EC NO: UCP2009-0740 | DRWN: JLOSTME REF 0808/09/29 | CHKD: JBELL 2008/10/03 | APPR: FSWITH 2008/10/03 | DESCRIPTION | QUALITY SYMBOLS               | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                                                                                                                                                                            | DIMENSION STYLE | SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|-------------|---------------------|------------------------------|------------------------|-------------------------|-------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|-------|-------|----------|-------|--------|----------|--------|-------|---------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----|------------|------------|------|-----|------------|-------------|------|-----|------------|-------|-----------------------------------------------|--------------------------|
|             | REV                 |                              |                        |                         |             | <div>▽=0</div> <div>▽=0</div> | <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr></tbody></table> |                 | mm                                                                                                                            | INCH         | 4 PLACES               | ± --- | ± --- | 3 PLACES | ± --- | ± .010 | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± --- | ± --- | <table><thead><tr><th>DRAWN BY</th><th>DATE</th></tr></thead><tbody><tr><td>JTR</td><td>1993/06/23</td></tr><tr><th>CHECKED BY</th><th>DATE</th></tr><tr><td>JTR</td><td>1993/06/23</td></tr><tr><th>APPROVED BY</th><th>DATE</th></tr><tr><td>RAS</td><td>1993/06/23</td></tr></tbody></table> | DRAWN BY | DATE | JTR | 1993/06/23 | CHECKED BY | DATE | JTR | 1993/06/23 | APPROVED BY | DATE | RAS | 1993/06/23 | TITLE | LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY | MOLEX MOLEX INCORPORATED |
|             |                     |                              | mm                     | INCH                    |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     | 4 PLACES                     | ± ---                  | ± ---                   |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     | 3 PLACES                     | ± ---                  | ± .010                  |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| 2 PLACES    | ± 0.25              | ± ---                        |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| 1 PLACE     | ± ---               | ± ---                        |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| DRAWN BY    | DATE                |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| JTR         | 1993/06/23          |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| CHECKED BY  | DATE                |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| JTR         | 1993/06/23          |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| APPROVED BY | DATE                |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
| RAS         | 1993/06/23          |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  |                 |                                                                                                                               |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               | ANGULAR ±1/2°                                                                                                                                                                                                                                                                                                    | MATERIAL NO.    | DOCUMENT NO.                                                                                                                  |              | SHEET NO.              |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                             | SEE CHART       | SDA-43249                                                                                                                     |              | 4 OF 6                 |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |
|             |                     |                              |                        |                         |             |                               |                                                                                                                                                                                                                                                                                                                  | SIZE C          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |       |       |          |       |        |          |        |       |         |       |       |                                                                                                                                                                                                                                                                                                 |          |      |     |            |            |      |     |            |             |      |     |            |       |                                               |                          |



PC BOARD LAYOUT FOR SIZE 8, 10 CIRCUIT  
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR SIZE 8, 8 CIRCUIT  
(COMPONENT SIDE OF BOARD)

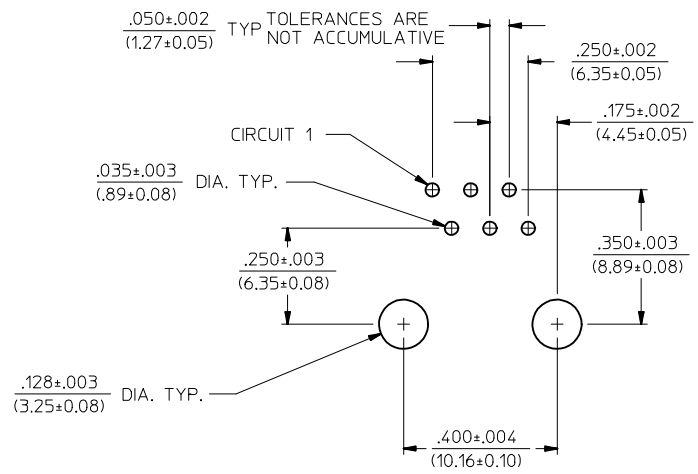


PC BOARD LAYOUT FOR SIZE 8, 6 CIRCUIT  
(COMPONENT SIDE OF BOARD)

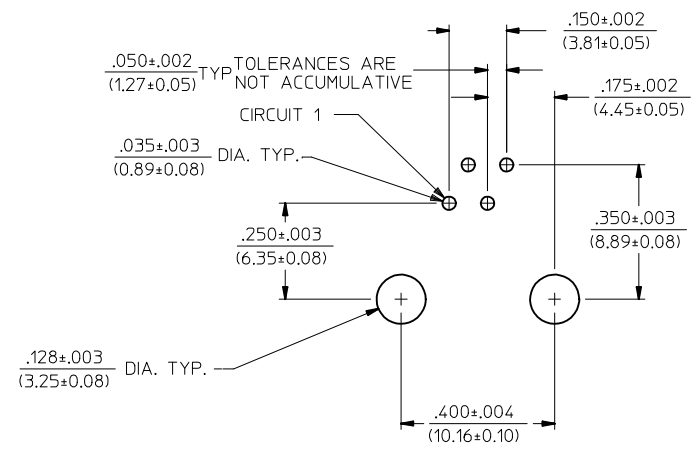
NOTES:  
1. RECOMMENDED PCB THICKNESS: .062 ± .005 / (1.57 ± 0.13)

|                                                                                                                               |     |             |                                   |                                                                                                                               |  |                                 |  |              |                      |                                                                                                              |                                                        |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|--------------|----------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2009-0740<br>K1<br>DRWN: KLOSTEMEIER 2008/09/29<br>CHKD: JRELL 2008/10/03<br>APPR: FSMITH 2008/10/03 | REV | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |  | DIMENSION STYLE<br>IN/MM        |  | SCALE<br>4:1 | DESIGN UNITS<br>INCH |  THIRD ANGLE PROJECTION | TITLE<br>LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY |  |  |
|                                                                                                                               |     |             |                                   |                                                                                                                               |  |                                 |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   |                                                                                                                               |  |                                 |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   |                                                                                                                               |  |                                 |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | 4 PLACES ± --- ± ---                                                                                                          |  | DRAWN BY JTR DATE 1993/06/23    |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | 3 PLACES ± --- ± .010                                                                                                         |  | CHECKED BY JTR DATE 1993/06/23  |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | 2 PLACES ± 0.25 ± ---                                                                                                         |  | APPROVED BY RAS DATE 1993/06/23 |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | 1 PLACE ± --- ± ---                                                                                                           |  | MATERIAL NO. RAS                |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | ANGULAR ±1/2°                                                                                                                 |  | DOCUMENT NO. SDA-43249          |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     |             |                                   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          |  | SEE SHEET 4                     |  |              |                      |                                                                                                              |                                                        |  |  |
|                                                                                                                               |     | SIZE C      |                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                 |  |              |                      |                                                                                                              |                                                        |  |  |

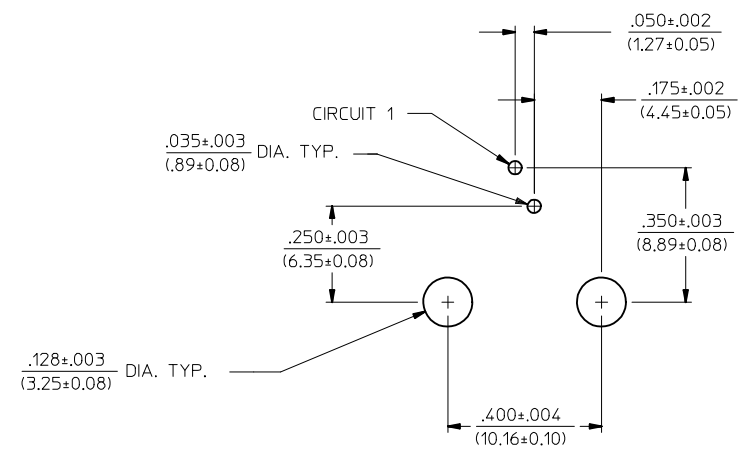
13 12 11 10 9 8 7 6 5 4 3 2 1



PC BOARD LAYOUT FOR SIZE 6, 6 CIRCUIT  
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR SIZE 6, 4 CIRCUIT  
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR SIZE 6, 2 CIRCUIT  
(COMPONENT SIDE OF BOARD)

NOTES:  
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

|                                                                                                                         |             |                                   |                                                      |        |                                                                                                                               |             |              |                                                            |                                                                                                              |           |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| SEE SHEET 1<br>EC NO: UCP2009-0740<br>DRWN: KLOSTEWIEC 2008/09/29<br>CHKD: J.BELL 2008/10/03<br>APPR: FSMITH 2008/10/03 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE<br>IN/MM                                                                                                      |             | SCALE<br>4:1 | DESIGN UNITS<br>INCH                                       |  THIRD ANGLE PROJECTION |           |
|                                                                                                                         |             |                                   |                                                      | mm     | INCH                                                                                                                          | DRAWN BY    | DATE         | TITLE<br><br>LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY |                                                                                                              |           |
|                                                                                                                         |             |                                   | 4 PLACES                                             | ± ---  | ± ---                                                                                                                         | JTR         | 1993/06/23   |                                                            |                                                                                                              |           |
|                                                                                                                         |             |                                   | 3 PLACES                                             | ± ---  | ± .010                                                                                                                        | CHECKED BY  | DATE         |                                                            |                                                                                                              |           |
|                                                                                                                         |             |                                   | 2 PLACES                                             | ± 0.25 | ± ---                                                                                                                         | JTR         | 1993/06/23   | MOLEX MOLEX INCORPORATED                                   |                                                                                                              |           |
|                                                                                                                         |             |                                   | 1 PLACE                                              | ± ---  | ± ---                                                                                                                         | APPROVED BY | DATE         |                                                            |                                                                                                              |           |
|                                                                                                                         |             |                                   | ANGULAR ±1/2°                                        |        | RAS                                                                                                                           | 1993/06/23  |              |                                                            |                                                                                                              |           |
|                                                                                                                         |             |                                   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        | MATERIAL NO.                                                                                                                  |             | DOCUMENT NO. |                                                            |                                                                                                              | SHEET NO. |
|                                                                                                                         |             |                                   |                                                      |        | SEE SHEET 4                                                                                                                   |             | SDA-43249    |                                                            |                                                                                                              | 6 OF 6    |
|                                                                                                                         |             |                                   |                                                      |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |              |                                                            |                                                                                                              |           |



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

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(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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