

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0438600005

Status:

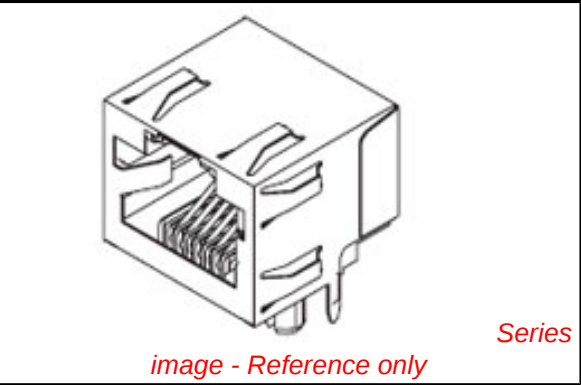
Active

Overview:

modular\_plugs\_jacks

Description:

Modular Jack, Right Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, 6/6



Documents:

Packaging Specification (PDF)

Drawing (PDF)

3D Model

Product Specification PS-43860-003 (PDF)

Application Specification (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| Agency Certification           |                                |
| CSA                            | LR19980                        |
| UL                             | E107635                        |
| General                        |                                |
| Product Family                 | Modular Jacks/Plugs            |
| Series                         | 43860                          |
| Component Type                 | PCB Jack                       |
| Magnetic                       | No                             |
| Overview                       | modular_plugs_jacks            |
| Performance Category           | 3                              |
| Power over Ethernet (PoE)      | N/A                            |
| Product Name                   | RJ11                           |
| Physical                       |                                |
| Boot Color                     | N/A                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | Yes                            |
| 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) | 1.60 mm                        |
| Packaging Type                 | Tray                           |
| Panel Mount                    | With Flange                    |
| Pitch - Mating Interface (in)  | 0.040 In                       |
| Pitch - Mating 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                          | 1                              |
| Positions / Loaded Contacts    | 6/6                            |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole                   |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

43860Series

Mates With

FCC 68 Plugs

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Grounding to PCB              | Yes           |
| Grounding to Panel            | Yes           |
| 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**

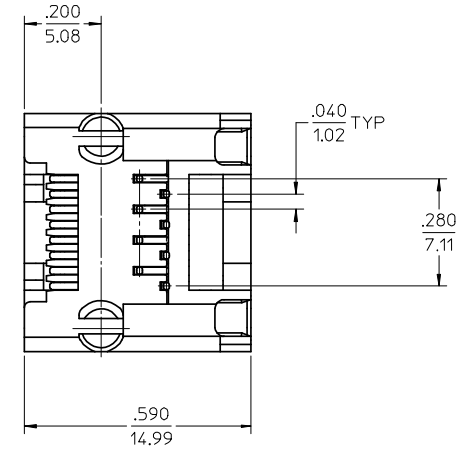
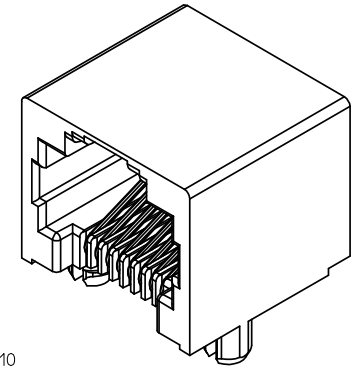
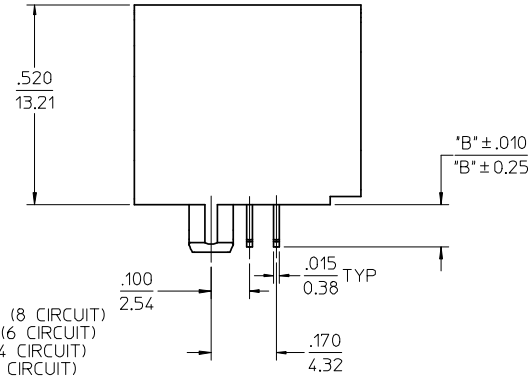
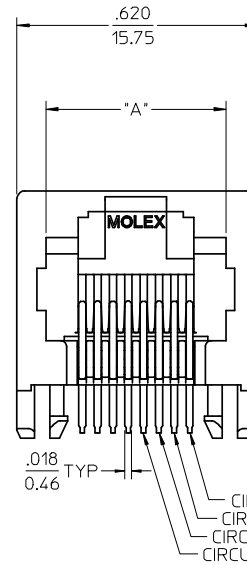
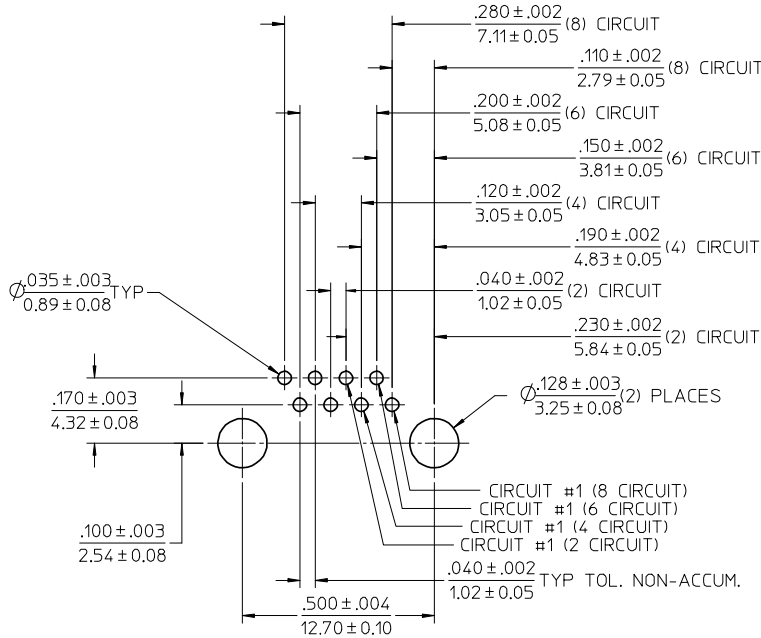
|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Packaging Specification | PK-43860-005                                                                |
| Product Specification   | PS-43860-003, RPS-43860-004, RPS-43860-007,<br>RPS-43860-008, RPS-43860-013 |
| Sales Drawing           | SD-43860-001                                                                |
| Test Summary            | TS-43860-001                                                                |

This document was generated on 06/07/2010

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

# NOTES:

- 1) MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE CHART  
TERMINALS: PHOSPHOR BRONZE
- 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.  
\*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 PACKAGED IN EXTRUDED TUBES PER MOLEX  
PACKAGING SPECIFICATION PK-43860-004.
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



| ASSEMBLY<br>MAT. NUM. | CONNECTOR<br>SIZE | DIM<br>"A" | DIM<br>"B" | CIRCUITS | HOUSING<br>COLOR |
|-----------------------|-------------------|------------|------------|----------|------------------|
| 43860-0001            | 8                 | .469/11.91 | .110/2.79  | 8        | BLACK            |
| 43860-2001            | 8                 | .469/11.91 | .080/2.03  | 8        | BLACK            |
| 43860-0002            | 6                 | .389/9.88  | .110/2.79  | 6        | BLACK            |
| 43860-0003            | 6                 | .389/9.88  | .110/2.79  | 4        | BLACK            |
| 43860-0019            | 8                 | .469/11.91 | .110/2.79  | 4        | BLACK            |
| 43860-0020            | 6                 | .389/9.88  | .110/2.79  | 2        | BLACK            |

|                                                                                                                           |                    |
|---------------------------------------------------------------------------------------------------------------------------|--------------------|
| ADD PART #, SHT 2<br>EC NO: UCP2008-3111<br>DRWN: SCHMIDT 2008/06/20<br>CHKD: JEBEL 2008/06/27<br>APPR: FSMITH 2008/07/14 | QUALITY<br>SYMBOLS |
|                                                                                                                           | ▽=0<br>▽=0         |
| REV                                                                                                                       | DESCRIPTION        |
| H6                                                                                                                        |                    |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |
|------------------------------------------------------------|-------|
| mm                                                         | INCH  |
| 4 PLACES ± ---                                             | ± --- |
| 3 PLACES ± ---                                             | ±.010 |
| 2 PLACES ±.25                                              | ± --- |
| 1 PLACE ± ---                                              | ± --- |
| ANGULAR ±1/2°                                              |       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |

| DIMENSION STYLE<br>IN/MM |            |
|--------------------------|------------|
| DRAWN BY                 | DATE       |
| TALEND                   | 1997/02/13 |
| CHECKED BY               | DATE       |
| ROBERTS                  | 1997/03/03 |
| APPROVED BY              | DATE       |
| FRY                      | 1997/03/04 |
| MATERIAL NO.             | SEE CHART  |
| SIZE                     | C          |

|                                                                                                                 |                      |                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------|
| SCALE<br>4:1                                                                                                    | DESIGN UNITS<br>INCH |  THIRD ANGLE<br>PROJECTION |
| TITLE<br>INVERTED MODULAR JACK<br>ASSEMBLY                                                                      |                      |                                                                                                                 |
| MOLEX INCORPORATED                                                                                              |                      |                                                                                                                 |
| DOCUMENT NO.<br>SD-43860-001                                                                                    |                      | SHEET NO.<br>1 OF 5                                                                                             |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                                                 |



# NOTES:

- 1) MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0,  
COLOR: BLACK  
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 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: PS-43860-003.
- 4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS  
PER MOLEX PACKAGING SPECIFICATION PK-43860-005.  
43860-5025 CONNECTOR ASSEMBLIES PACKAGED IN TAPE AND  
REEL PER MOLEX PACKAGING SPECIFICATION PK-70873-700\*
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 7) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS  
OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY  
MATERIAL NUMBER TABLE.
- 8) AVAILABLE WITH TOP PANEL GROUND TABS ONLY, PER THE  
ASSEMBLY MATERIAL NUMBER TABLE.
- 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



NO PANEL  
GROUND TABS

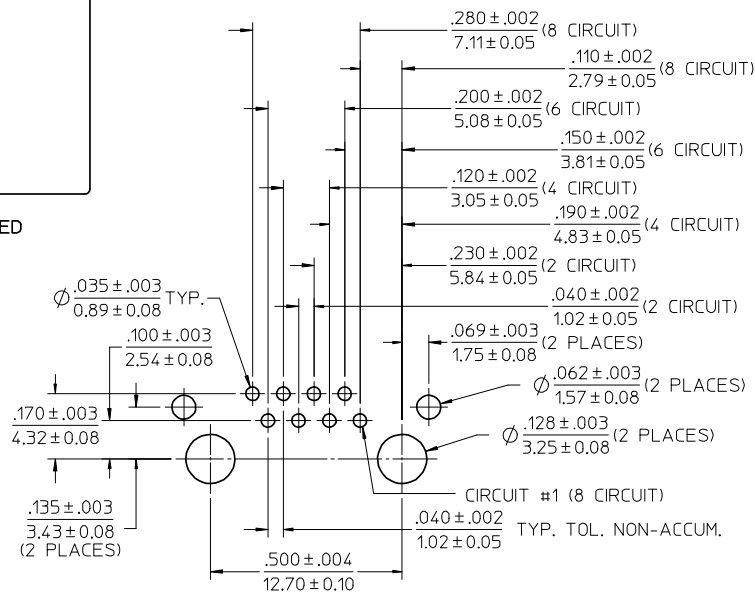


RECOMMENDED  
PANEL  
OPENING



OPTIONAL PANEL  
GROUND TAB  
(SEE NOTE 7)

PANEL GROUND TABS

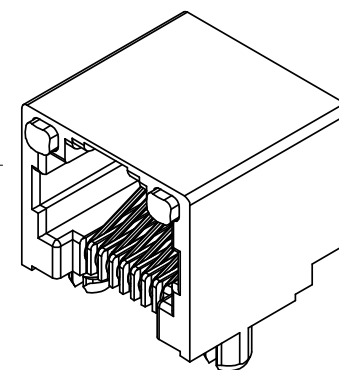
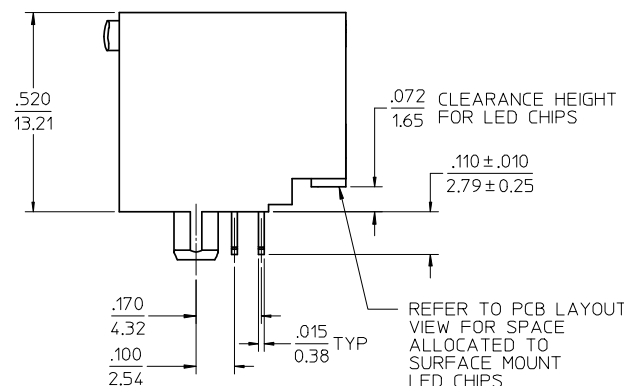
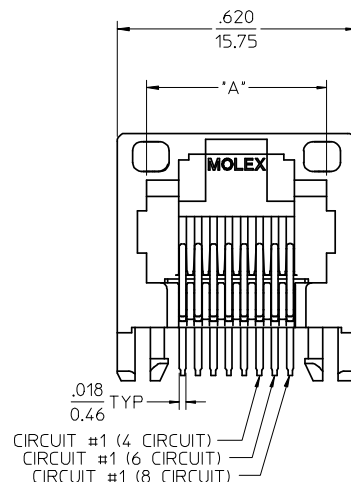


PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
RECOMMENDED PCB THICKNESS .062 ± .005/1.57 ± 0.13



| ASSEMBLY<br>MAT. NUM. | CONNECTOR<br>SIZE | DIM<br>"A" | DIM<br>"B" | CIRCUITS | PANEL GROUND<br>TABS | PACKAGING<br>OPTION |
|-----------------------|-------------------|------------|------------|----------|----------------------|---------------------|
| 43860-0004            | 8                 | .469/11.91 | .110/2.79  | 8        | ALL                  | TRAY                |
| 43860-2004            | 8                 | .469/11.91 | .080/2.03  | 8        | ALL                  | TRAY                |
| 43860-0005            | 6                 | .389/9.88  | .110/2.79  | 6        | ALL                  | TRAY                |
| 43860-0006            | 6                 | .389/9.88  | .110/2.79  | 4        | ALL                  | TRAY                |
| 43860-0013            | 8                 | .469/11.91 | .110/2.79  | 8        | SEE NOTE #7          | TRAY                |
| 43860-0014            | 6                 | .389/9.88  | .110/2.79  | 6        | SEE NOTE #7          | TRAY                |
| 43860-0015            | 6                 | .389/9.88  | .110/2.79  | 4        | SEE NOTE #7          | TRAY                |
| 43860-0024            | 6                 | .389/9.88  | .110/2.79  | 2        | ALL                  | TRAY                |
| 43860-0025            | 8                 | .469/11.91 | .110/2.79  | 8        | NONE                 | TRAY                |
| 43860-0026            | 6                 | .389/9.88  | .110/2.79  | 6        | NONE                 | TRAY                |
| 43860-0027            | 6                 | .389/9.88  | .110/2.79  | 4        | NONE                 | TRAY                |
| 43860-0031            | 8                 | .469/11.91 | .110/2.79  | 8        | SEE NOTE #8          | TRAY                |
| 43860-5025            | 8                 | .469/11.91 | .110/2.79  | 8        | NONE                 | TAPE                |

|                                                                                                                         |             |                 |                                                      |         |                           |  |                                                                                                                               |                      |                           |  |  |
|-------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|------------------------------------------------------|---------|---------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|--|--|
| ADD 43860-5025<br>EC NO: UCP2008-3111<br>DRAWN: SCHMIDT 2008/06/20<br>CHKD: JEBEL 2008/06/27<br>APPR: FSMITH 2008/07/14 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |         | DIMENSION STYLE<br>IN/MM  |  | SCALE<br>4:1                                                                                                                  | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                         |             | ▽=0             |                                                      |         | DRAWN BY DATE             |  | TITLE                                                                                                                         |                      |                           |  |  |
|                                                                                                                         |             | ▽=0             | 4 PLACES ± --- ± ---                                 | mm INCH | TALEND 1997/02/13         |  | INVERTED MODULAR JACK ASSEMBLY                                                                                                |                      |                           |  |  |
|                                                                                                                         |             |                 | 3 PLACES ± --- ± .010                                |         | CHECKED BY DATE           |  |                                                                                                                               |                      |                           |  |  |
|                                                                                                                         |             |                 | 2 PLACES ± 0.25 ± ---                                |         | ROBERTS 1997/03/03        |  |                                                                                                                               |                      |                           |  |  |
| H6                                                                                                                      | REV         |                 | 1 PLACE ± --- ± ---                                  |         | APPROVED BY DATE          |  | MOLEX MOLEX INCORPORATED                                                                                                      |                      |                           |  |  |
|                                                                                                                         |             |                 | ANGULAR ±1/2°                                        |         | FRY 1997/03/04            |  | DOCUMENT NO.                                                                                                                  |                      |                           |  |  |
|                                                                                                                         |             |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | MATERIAL NO.<br>SEE CHART |  | SHEET NO.<br>2 OF 5                                                                                                           |                      |                           |  |  |
|                                                                                                                         |             |                 |                                                      |         | SIZE C                    |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                           |  |  |



- NOTES:
- MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
LIGHT PIPES:  
POLYCARBONATE - WAVE OR HAND SOLDER ONLY  
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE 400°F (205°C)
  - 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.  
\*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.
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
  - PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX  
PACKAGING SPECIFICATION PK-43860-004.
  - APPLICATION SPECIFICATION: AS-43860-001.
  - ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.

| ASSEMBLY<br>MAT. NUM. | LIGHT PIPE<br>MATERIAL | CONNECTOR<br>SIZE | DIM<br>"A" | CIRCUITS |
|-----------------------|------------------------|-------------------|------------|----------|
| 43860-0007            | POLYCARBONATE          | 8                 | .469/11.91 | 8        |
| 43860-0008            | POLYCARBONATE          | 6                 | .389/9.88  | 6        |
| 43860-0009            | POLYCARBONATE          | 6                 | .389/9.88  | 4        |
| 43860-0021            | POLYSULFONE            | 8                 | .469/11.91 | 8        |
| 43860-0022            | POLYSULFONE            | 6                 | .389/9.88  | 6        |
| 43860-0023            | POLYSULFONE            | 6                 | .389/9.88  | 4        |

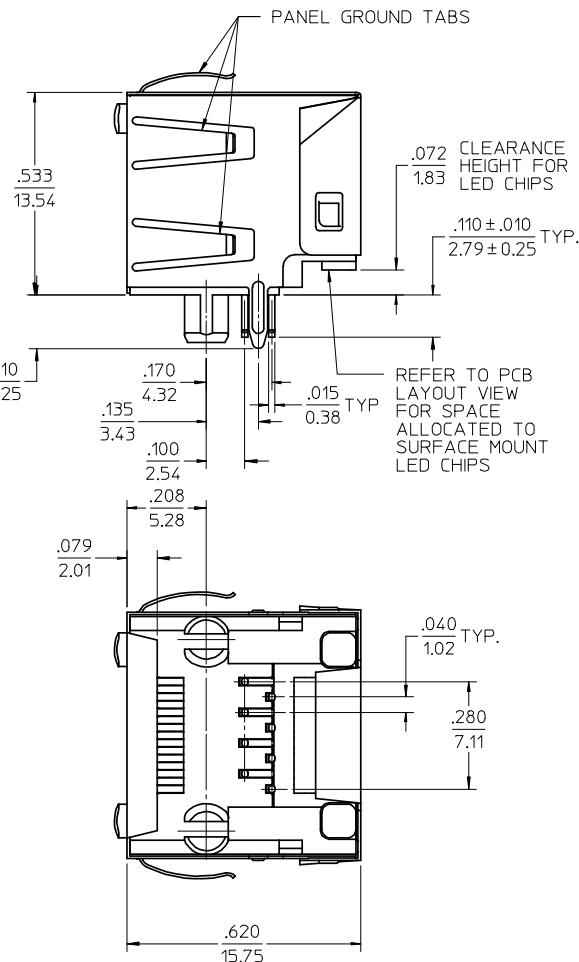
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|---------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|--|--------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2008-3111<br>DRAWN: SCHMIDT<br>CHKD: JEBEL<br>APPR: F. SMITH<br>H6 | 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<br>PROJECTION    |  |
|                                                                                             |             |                                   | mm                                                         |  | INCH                     |                     | DRAWN BY<br>TALEND                                                                                                            |                      | DATE<br>1997/02/13           |  |
|                                                                                             |             |                                   | 4 PLACES ± ---                                             |  | ± ---                    |                     | CHECKED BY<br>ROBERTS                                                                                                         |                      | DATE<br>1997/03/03           |  |
|                                                                                             |             |                                   | 3 PLACES ± ---                                             |  | ± .010                   |                     | APPROVED BY<br>FRY                                                                                                            |                      | DATE<br>1997/03/04           |  |
|                                                                                             |             |                                   | 2 PLACES ± 0.25                                            |  | ± ---                    |                     | INVERTED MODULAR JACK ASSEMBLY                                                                                                |                      |                              |  |
|                                                                                             |             |                                   | 1 PLACE ± ---                                              |  | ± ---                    |                     |                                                                                                                               |                      |                              |  |
|                                                                                             |             |                                   | ANGULAR ±1/2°                                              |  |                          |                     | MOLEX MOLEX INCORPORATED                                                                                                      |                      |                              |  |
|                                                                                             |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |                          |                     | SEE CHART                                                                                                                     |                      | MATERIAL NO.<br>SD-43860-001 |  |
|                                                                                             |             |                                   |                                                            |  |                          |                     | SIZE<br>C                                                                                                                     |                      | DOCUMENT NO.<br>SD-43860-001 |  |
|                                                                                             |             |                                   |                                                            |  |                          |                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                              |  |
|                                                                                             |             |                                   |                                                            |  |                          | SHEET NO.<br>3 OF 5 |                                                                                                                               |                      |                              |  |



OPTIONAL PANEL  
GROUND TAB  
(SEE NOTE 8)



OPTIONAL PANEL  
GROUND TAB  
(SEE NOTE 8)



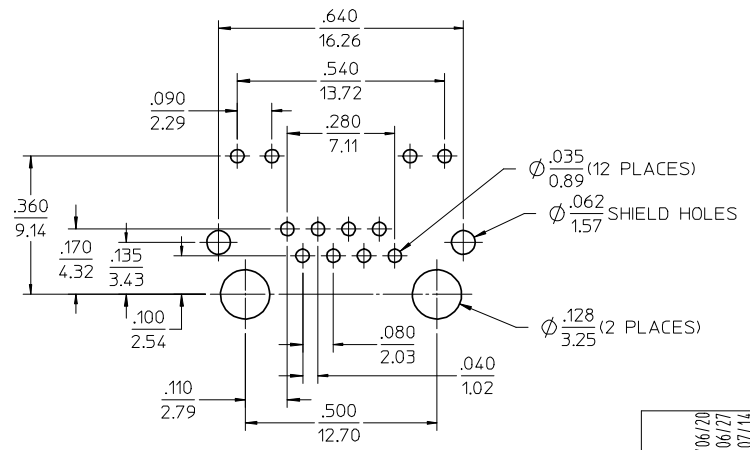
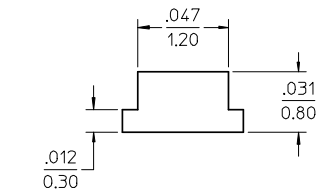
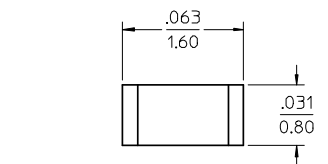
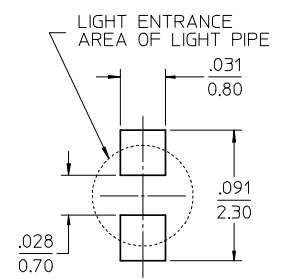
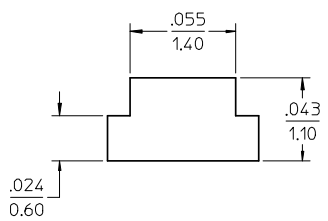
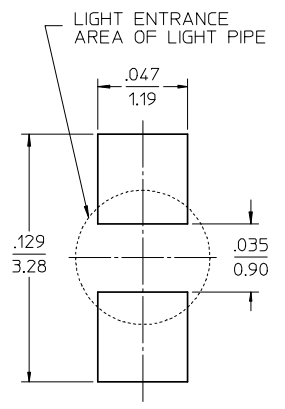
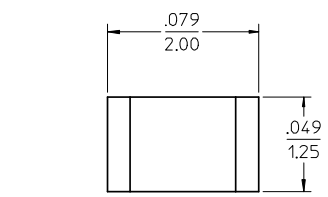
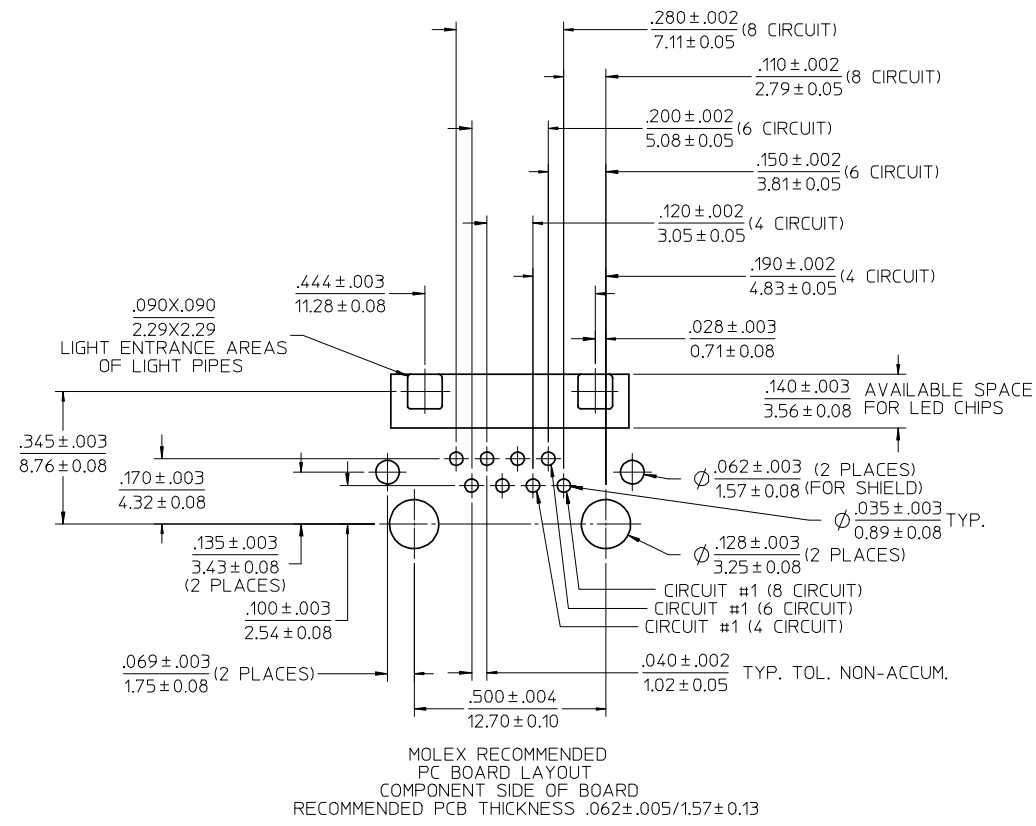
- NOTES:
- 1) MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS  
LIGHT PIPES:  
POLYCARBONATE - WAVE OR HAND SOLDER ONLY  
(NOT DESIGNED FOR I/R REFLOW OR  
CONVECTION REFLOW SOLDER PROCESSES)  
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE 400°F (205°C)
  - 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 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-43860-003.
  - 4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS PER MOLEX  
PACKAGING SPECIFICATION PK-43860-005.
  - 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) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE  
TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
  - 9) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.
  - 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



RECOMMENDED  
PANEL  
OPENING

| ASSEMBLY<br>MAT. NUM. | LIGHT PIPE<br>MATERIAL | CONNECTOR<br>SIZE | DIM<br>"A" | CIRCUITS | PANEL<br>GROUND TABS |
|-----------------------|------------------------|-------------------|------------|----------|----------------------|
| 43860-0010            | POLYCARBONATE          | 8                 | .469/11.91 | 8        | ALL                  |
| 43860-0011            | POLYCARBONATE          | 6                 | .389/9.88  | 6        | ALL                  |
| 43860-0012            | POLYCARBONATE          | 6                 | .389/9.88  | 4        | ALL                  |
| 43860-0016            | POLYCARBONATE          | 8                 | .469/11.91 | 8        | SEE NOTE #8          |
| 43860-0017            | POLYCARBONATE          | 6                 | .389/9.88  | 6        | SEE NOTE #8          |
| 43860-0018            | POLYCARBONATE          | 6                 | .389/9.88  | 4        | SEE NOTE #8          |
| 43860-1010            | POLYSULFONE            | 8                 | .469/11.91 | 8        | ALL                  |
| 43860-1011            | POLYSULFONE            | 6                 | .389/9.88  | 6        | ALL                  |
| 43860-1012            | POLYSULFONE            | 6                 | .389/9.88  | 4        | ALL                  |
| 43860-1016            | POLYSULFONE            | 8                 | .469/11.91 | 8        | SEE NOTE #8          |
| 43860-1017            | POLYSULFONE            | 6                 | .389/9.88  | 6        | SEE NOTE #8          |
| 43860-1018            | POLYSULFONE            | 6                 | .389/9.88  | 4        | SEE NOTE #8          |

|                                                                                            |                    |                                                                                               |                                                                                                                                  |                                             |                                          |                                   |                           |
|--------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------|-----------------------------------|---------------------------|
| SEE SHEET 1<br>EC NO: UCP2008-3111<br>DRAWN: SCHMIDT<br>CHKD: JEBELL<br>APPR: FSM/TH<br>H6 | DESCRIPTION<br>REV | QUALITY<br>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 |
|                                                                                            |                    | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± .025 ± ---<br>1 PLACE ± --- ± --- | DRAWN BY<br>TALEND<br>DATE<br>1997/02/13                                                                                         | CHECKED BY<br>ROBERTS<br>DATE<br>1997/03/03 | APPROVED BY<br>FRY<br>DATE<br>1997/03/04 | INVERTED MODULAR JACK<br>ASSEMBLY |                           |
|                                                                                            |                    | ANGULAR ± 1/2°                                                                                | MATERIAL NO.<br>SEE CHART                                                                                                        |                                             | DOCUMENT NO.<br>SD-43860-001             | SHEET NO.<br>4 OF 5               |                           |
|                                                                                            |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                             |                                          |                                   |                           |



NOTES:  
1. FOR CROSS REFERENCE OF RECOMMENDED LED'S SEE MOLEX WEB SITE

|                                                                                     |             |                                                  |                                                            |                     |                          |                                                                                                                               |                    |                                         |                                   |
|-------------------------------------------------------------------------------------|-------------|--------------------------------------------------|------------------------------------------------------------|---------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------|-----------------------------------|
| SEE SHEET 1<br>EC NO: UCP2008-3111<br>DRAWN: SCHMIDT<br>CHKD: JEBEL<br>APPR: FSMITH | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                     | DIMENSION STYLE<br>IN/MM |                                                                                                                               | SCALE<br>4:1       | DESIGN UNITS<br>INCH                    | <div>THIRD ANGLE PROJECTION</div> |
|                                                                                     |             |                                                  | 4 PLACES<br>3 PLACES<br>2 PLACES<br>1 PLACE                | mm                  | INCH                     | DRAWN BY<br>TALEND                                                                                                            | DATE<br>1997/02/13 | TITLE<br>INVERTED MODULAR JACK ASSEMBLY |                                   |
|                                                                                     |             |                                                  |                                                            | ± ---               | ± ---                    | CHECKED BY<br>ROBERTS                                                                                                         | DATE<br>1997/03/03 |                                         |                                   |
|                                                                                     |             |                                                  |                                                            | ± .010              |                          | APPROVED BY<br>FRY                                                                                                            | DATE<br>1997/03/04 |                                         |                                   |
|                                                                                     |             |                                                  |                                                            | ± 0.25              |                          | MOLEX MOLEX INCORPORATED                                                                                                      |                    |                                         |                                   |
|                                                                                     |             |                                                  |                                                            | ± ---               | ± ---                    | DOCUMENT NO.<br>SD-43860-001                                                                                                  |                    |                                         |                                   |
| ANGULAR ±1/2°                                                                       |             | MATERIAL NO.<br>SEE CHART                        |                                                            | SHEET NO.<br>5 OF 5 |                          |                                                                                                                               |                    |                                         |                                   |
| H6                                                                                  | REV         |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                     | SIZE<br>C                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                         |                                   |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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