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**Part Number:** [43860-0012](#)  
**Status:** **Active**  
**Overview:** Modular Plugs - Jacks  
**Description:** Modular Jack, Right Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, Lightpipes, 6/4

**Documents:**

|                                                          |                                                              |
|----------------------------------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>                                 | <a href="#">Application Specification AS-43860-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-43860-001 (PDF)</a>              |
| <a href="#">Product Specification PS-43860-003 (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="#">43860</a>                                     |
| Comments                  | Lightpipes will withstand soldering temperature of 160° C |
| Component Type            | PCB Jack                                                  |
| Magnetic                  | No                                                        |
| Overview                  | <a href="#">Modular Plugs - Jacks</a>                     |
| Performance Category      | 3                                                         |
| Power over Ethernet (PoE) | N/A                                                       |
| Product Name              | RJ11                                                      |
| UPC                       | 800753962453                                              |

**Physical**

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Boot Color                     | N/A                                           |
| Color - Resin                  | Black, Clear                                  |
| Durability (mating cycles max) | 500                                           |
| Flammability                   | 94V-0                                         |
| Inverted / Top Latch           | Yes                                           |
| Jack Height                    | 13.54mm                                       |
| Lightpipes/LEDs                | Lightpipes                                    |
| Material - Metal               | Brass, Phosphor Bronze                        |
| Material - Plating Mating      | Gold                                          |
| Material - Plating Termination | Tin                                           |
| Material - Resin               | High Temperature Thermoplastic, Polycarbonate |
| Net Weight                     | 4.211/g                                       |
| Orientation                    | Right Angle (Side Entry)                      |
| PCB Locator                    | Yes                                           |
| PCB Retention                  | Yes                                           |
| PCB Thickness - Recommended    | 1.60mm                                        |
| Packaging Type                 | Tray                                          |
| Panel Mount                    | With Flange                                   |
| Pitch - Mating Interface       | 1.02mm                                        |
| Pitch - Termination Interface  | 1.02mm                                        |
| Plating min - Mating           | 1.270µm                                       |
| Plating min - Termination      | 2.540µm                                       |
| Ports                          | 1                                             |
| Positions / Loaded Contacts    | 6/4                                           |
| Surface Mount Compatible (SMC) | No                                            |
| Temperature Range - Operating  | -40°C to +85°C                                |
| Termination Interface: Style   | Through Hole                                  |

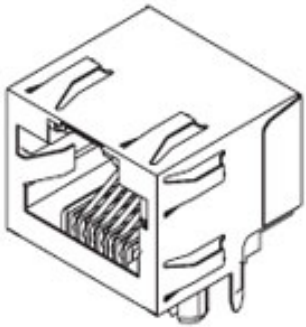


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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

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

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

**Search Parts in this Series**

[43860Series](#)

**Mates With**

FCC 68 Plugs

|                               |               |
|-------------------------------|---------------|
| Waterproof / Dustproof        | No            |
| Wire/Cable Type               | N/A           |
| <b>Electrical</b>             |               |
| Current - Maximum per Contact | 1.5A          |
| Grounding to PCB              | Yes           |
| Grounding to Panel            | Yes           |
| Shielded                      | Yes           |
| Voltage - Maximum             | 150V AC (RMS) |

**Solder Process Data**

|                              |                        |
|------------------------------|------------------------|
| Lead-free Process Capability | Wave Capable (TH only) |
|------------------------------|------------------------|

**Material Info**

|                 |              |
|-----------------|--------------|
| Old Part Number | A-43860-0012 |
|-----------------|--------------|

**Reference - Drawing Numbers**

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Application Specification | AS-43860-001                                                                |
| 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                                                                |

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