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**Part Number:** [0441500026](#)  
**Status:** **Active**  
**Overview:** [Modular Jacks and Plugs](#)  
**Description:** [Modular Jack, Right Angle, Low Profile, 8/8, 8 Ports](#)

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-44150-004 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-44050-001 (PDF)</a>            |
| <a href="#">Product Specification PS-44050-003 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |

**Agency Certification**

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

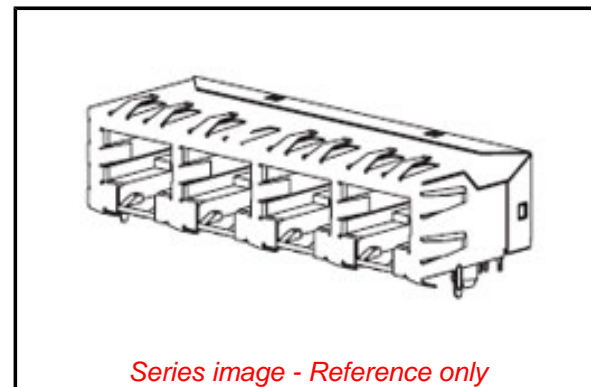
**General**

|                           |   |
|---------------------------|---|
| Product Family            | Modular Jacks/Plugs                     |
| Series                    | <a href="#">44150</a>                   |
| Component Type            | PCB Jack                                |
| Magnetic                  | No                                      |
| Overview                  | <a href="#">Modular Jacks and Plugs</a> |
| Performance Category      | 5, 5e                                   |
| Power over Ethernet (PoE) | N/A                                     |
| Product Name              | RJ45                                    |
| UPC                       | 800754812900                            |

**Physical**

|                                |                          |
|--------------------------------|--------------------------|
| Boot Color                     | N/A                      |
| Color - Resin                  | Black                    |
| Durability (mating cycles max) | 500                      |
| Flammability                   | 94V-0                    |
| Inverted / Top Latch           | No                       |
| Jack Height                    | 13.31mm                  |
| Keying to Mating Part          | None                     |
| Lightpipes/LEDs                | None                     |
| Material - Metal               | Brass, Phosphor Bronze   |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Orientation                    | Right Angle (Side Entry) |
| PCB Locator                    | Yes                      |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.57mm                   |
| Packaging Type                 | Tray                     |
| Panel Mount                    | Without Flange           |
| Pitch - Mating Interface       | 1.02mm                   |
| Pitch - Termination Interface  | 1.27mm                   |
| Plating min - Mating           | 1.270µm                  |
| Plating min - Termination      | 2.540µm                  |
| Ports                          | 8                        |
| Positions / Loaded Contacts    | 8/8                      |
| Surface Mount Compatible (SMC) | No                       |
| Temperature Range - Operating  | -40°C to +85°C           |
| Termination Interface: Style   | Through Hole             |
| Waterproof / Dustproof         | No                       |
| Wire/Cable Type                | N/A                      |

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

**Search Parts in this Series**

[44150 Series](#)

**Mates With**

FCC 68 Plugs

|                               |                               |
|-------------------------------|-------------------------------|
| Current - Maximum per Contact | 1.5A                          |
| Grounding to PCB              | Yes                           |
| Grounding to Panel            | With All Panel Grounding Tabs |
| Shielded                      | Yes                           |
| Voltage - Maximum             | 150V AC (RMS)                 |

**Solder Process Data**

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

**Material Info****Reference - Drawing Numbers**

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-44150-004 |
| Product Specification   | PS-44050-003 |
| Sales Drawing           | SD-44150-002 |
| Test Summary            | TS-44050-001 |

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