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**Part Number:** **0441500029**  
**Status:** **Active**  
**Overview:** Magnetic and Modular Jacks and Plugs  
**Description:** Modular Jack, Right Angle, Low Profile, 8/8, 6 Ports

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Packaging Specification PK-44150-004-000 (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                    | <u>44150</u>                                |
| Comments                  | External Shield                             |
| Component Type            | PCB Jack                                    |
| Magnetic                  | No  |
| Overview                  | <u>Magnetic and Modular Jacks and Plugs</u> |
| Performance Category      | 5, 5e                                       |
| Power over Ethernet (PoE) | N/A   |
| Product Name              | Modular Jack 8/8, RJ45                      |
| UPC                       | 800754812849                                |

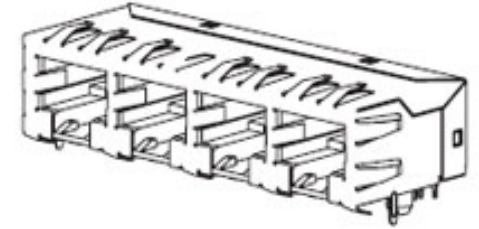
**Physical**

|                                |                          |
|--------------------------------|--------------------------|
| Color - Resin                  | Black                    |
| Durability (mating cycles max) | 500                      |
| Flammability                   | 94V-0                    |
| Inverted / Top Latch           | No                       |
| Jack Height                    | 13.31mm                  |
| Lightpipes/LEDs                | None                     |
| Material - Metal               | Phosphor Bronze          |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Net Weight                     | 24.994/g                 |
| Orientation                    | Right Angle (Side Entry) |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.57mm                   |
| Packaging Type                 | Tray                     |
| Pitch - Mating Interface       | 1.02mm                   |
| Pitch - Termination Interface  | 1.27mm                   |
| Plating min - Mating           | 1.270µm                  |
| Plating min - Termination      | 2.540µm                  |
| Ports                          | 6                        |
| Positions / Loaded Contacts    | 8/8                      |
| Temperature Range - Operating  | -40°C to +85°C           |
| Termination Interface: Style   | Through Hole             |
| Wire/Cable Type                | N/A                      |

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Shielded                      | Yes           |
| Voltage - Maximum             | 150V AC (RMS) |

**Solder Process Data**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

44150 Series

**Mates With**

FCC 68 Plugs

Lead-freeProcess Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-44150-004-000

Product Specification

PS-44050-003

Sales Drawing

SD-44150-002-001

Test Summary

TS-44050-001

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