

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0441500014](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: Modular Jack, Right Angle, Low Profile, 8/8, 8 Ports

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-44150-004 (PDF) |
| Drawing (PDF) | Test Summary TS-44050-001 (PDF) |
| Product Specification PS-44050-003 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

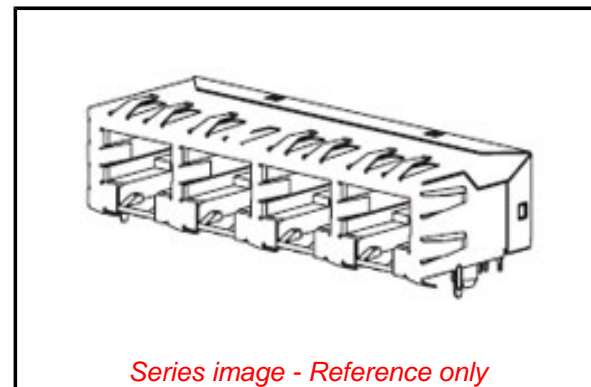
| | |
|---------------------------|---|
| Product Family | Modular Jacks/Plugs |
| Series | 44150 |
| Comments | External Shield |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | Modular Jacks and Plugs |
| Performance Category | 5, 5e |
| Power over Ethernet (PoE) | N/A |
| Product Name | RJ45 |
| UPC | 800754812870 |

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 | Brass, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 32.560/g |
| Orientation | Right Angle (Side Entry) |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| 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 +80°C |
| Termination Interface: Style | Through Hole |
| Wire/Cable Type | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Shielded | Yes |
| Voltage - Maximum | 125V |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

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

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

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[44150 Series](#)

Mates With

FCC 68 Plugs

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

This document was generated on 07/11/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION