

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0449150021](#)  
**Status:** **Active**  
**Overview:** Modular Jacks and Plugs  
**Description:** Modular Plug, Category 6, Long Body, Shielded, 8/8, with Strain Relief

**Documents:**

[3D Model](#) [Product Specification PS-44915-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

Product Family Modular Jacks/Plugs  
 Series [44915](#)  
 Component Type Wire Plug  
 Magnetic No  
 Overview [Modular Jacks and Plugs](#)  
 Performance Category 6  
 Power over Ethernet (PoE) N/A  
 Product Name RJ45  
 UPC 800756395579

**Physical**

Color - Resin Clear  
 Durability (mating cycles max) 500  
 Inverted / Top Latch N/A  
 Jack Height N/A  
 Lightpipes/LEDs None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Polycarbonate  
 Net Weight 3.062/g  
 Orientation N/A  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Bag  
 Panel Mount N/A  
 Pitch - Mating Interface 1.02mm  
 Pitch - Termination Interface 1.02mm  
 Ports 1  
 Positions / Loaded Contacts 8/8  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style N/A  
 Wire/Cable Type Round

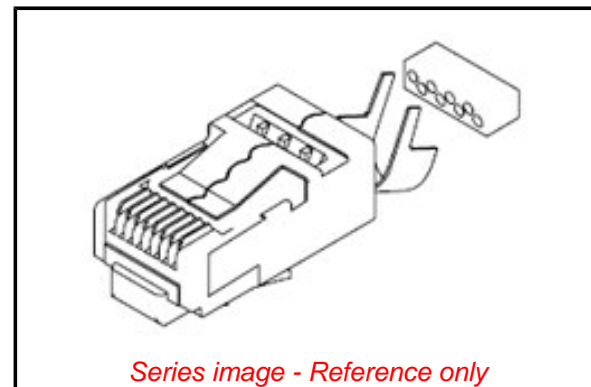
**Electrical**

Current - Maximum per Contact 1.5A  
 Grounding to Panel N/A  
 Shielded Yes  
 Voltage - Maximum 125V

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**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

Green Image

ELV

Not Relevant

**Search Parts in this Series**

[44915 Series](#)

**Mates With**

FCC 68 Jacks

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
ServiceGrade™ Hand Crimp Tool - Ratchet	<a href="#">0640160044</a>
Hand Crimp Tool	<a href="#">0622020500</a>

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-44915-003

SD-44915-001

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