

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

**Part Number:** [0480253090](#)  
**Status:** **Active**  
**Overview:** [magnetic modular jacks](#)  
**Description:** Modular Jack, Right Angle, 10/100, with Integrated Magnetic, 8/8, without LED, Lead-Free

**Documents:**

[3D Model](#) [Test Summary TS-48025-011 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-48025-005 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

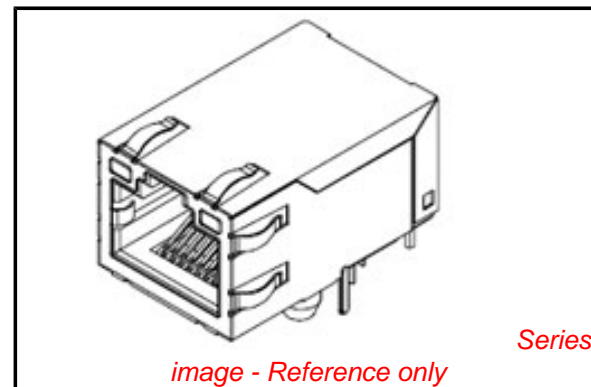
Product Family Modular Jacks/Plugs  
 Series [48025](#)  
 Comments Without LED  
 Component Type PCB Jack  
 Magnetic Yes  
 Overview [magnetic modular jacks](#)  
 Performance Category 5  
 Power over Ethernet (PoE) Non-PoE  
 Product Name Magnetic Jack

**Physical**

Boot Color N/A  
 Color - Resin Black  
 Durability (mating cycles max) 750  
 Flammability 94V-0  
 Inverted / Top Latch Yes  
 Keying to Mating Part Yes  
 Lightpipes/LEDs LEDs  
 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 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.02mm  
 Pitch - Termination Interface 1.27mm  
 Ports 1  
 Positions / Loaded Contacts 8/8  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +70°C  
 Termination Interface: Style Through Hole  
 Waterproof / Dustproof No  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1.5A  
 Grounding to PCB Yes



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**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**

48025Series

**Mates With**

FCC 68 Plugs

Grounding to Panel  
Shielded  
Voltage - Maximum

Panel Ground Tab  
Yes  
150V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing  
Test Summary

PS-48025-005  
SD-48025-011  
TS-48025-011

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