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**Part Number:** [48025-2090](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Modular Jack, Right Angle, 10/100, with Integrated Magnetic and LED, 8/8, without Ground Shield, Lead-Free

**Documents:**

[3D Model](#) [Test Summary TS-48025-010 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-48025-005 \(PDF\)](#)

**Agency Certification**

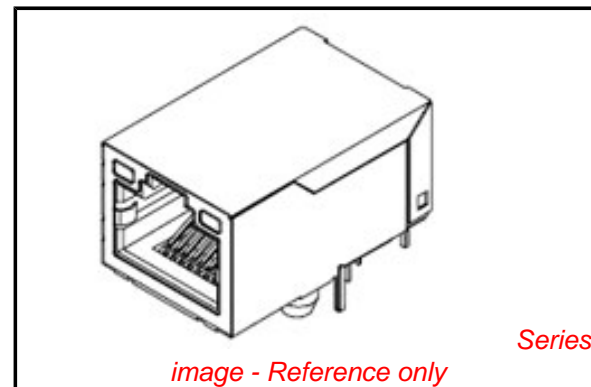
CSA LR19980  
 UL E107635

**General**

Product Family Modular Jacks/Plugs  
 Series [48025](#)  
 Comments With LED|Without Ground Shield  
 Component Type PCB Jack  
 Magnetic Yes  
 Overview [Magnetic Modular Jacks](#)  
 Performance Category 5, 5e  
 Power over Ethernet (PoE) Non-PoE  
 Product Name Magnetic Jack  
 UPC 822350848008

**Physical**

Boot Color N/A  
 Color - Resin Black  
 Durability (mating cycles max) 750  
 Flammability 94V-0  
 Inverted / Top Latch Yes  
 Jack Height 12.60mm  
 Keying to Mating Part Yes  
 Lightpipes/LEDs LEDs  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 4.980/g  
 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



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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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

**Electrical**

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Grounding to Panel	No Panel Ground Tabs
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

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

Product Specification	PS-48025-005
Sales Drawing	SD-48025-010
Test Summary	TS-48025-010

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