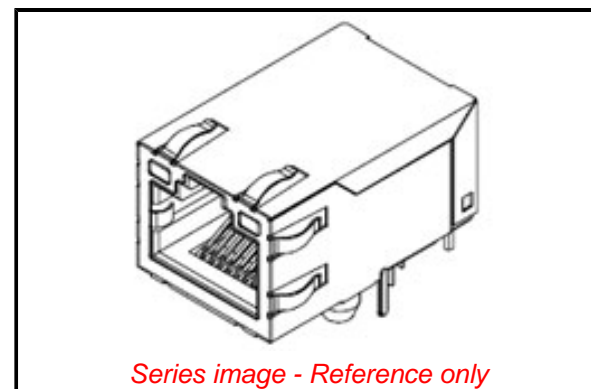


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Part Number: [0480250091](#)
Status: **Active**
Overview: [Magnetic Jacks](#)
Description: Modular Jack, Right-Angle, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length 3.18mm for IR Reflow, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-48025-001-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-48025-007-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-48025-005-001 (PDF) | |



Agency Certification

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

General

| | |
|---------------------------|--------------------------------|
| Product Family | Modular Jacks/Plugs |
| Series | 48025 |
| Comments | With LED |
| Component Type | PCB Jack |
| Magnetic | Yes |
| Overview | Magnetic Jacks |
| Performance Category | 5, 5e |
| Power over Ethernet (PoE) | Non-PoE |
| Product Name | Magnetic Jack, RJ45 |
| UPC | 822350847971 |

Physical

| | |
|--------------------------------|--------------------------|
| Boot Color | N/A |
| Color - Resin | Black |
| Durability (mating cycles max) | 750 |
| Flammability | 94V-0 |
| Inverted / Top Latch | Yes |
| Jack Height | 13.30mm |
| Keying to Mating Part | Yes |
| Lightpipes/LEDs | LEDs |
| Material - Metal | Brass, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 6.669/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 |
| Port Configuration | 1x1 |
| Positions / Loaded Contacts | 8/8 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +70°C |
| Termination Interface: Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[48025 Series](#)

Mates With

FCC 68 Plugs

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB | Yes |
| Grounding to Panel | Panel Ground Tab |
| Shielded | Yes |
| Voltage - Maximum | 150V AC (RMS) |

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 002 |
| Process Temperature max. C | 260 |

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|------------------|
| Packaging Specification | PK-48025-001-001 |
| Product Specification | PS-48025-005-001 |
| Sales Drawing | SD-48025-007-001 |
| Test Summary | TS-48025-007-001 |

This document was generated on 12/27/2021

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