

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0480250002

Status: Active

Overview: <u>magnetic modular jacks</u>

Description: Modular Jack, Right Angle, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length

2.80mm (.110") for IR Reflow, Lead free

Documents:

<u>3D Model</u> <u>Product Specification PS-48025-004 (PDF)</u>
<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

Agency Certification

CSA LR19980 UL E107635

General

Product Family Modular Jacks/Plugs

Series 48025

Comments With Lightpipes [Tail Length: 2.80mm (.110")

Component Type PCB Jack

Magnetic Yes

Overview <u>magnetic_modular_jacks</u>

Performance Category 5

Power over Ethernet (PoE) Non-PoE
Product Name Magnetic Jack

Physical

Boot ColorN/AColor - ResinBlackDurability (mating cycles max)750Flammability94V-0Inverted / Top LatchYes

Keying to Mating Part Yes
Lightpipes/LEDs LEDs

Material - Metal Brass, Phosphor Bronze

Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Orientation Right Angle (Side Entry)

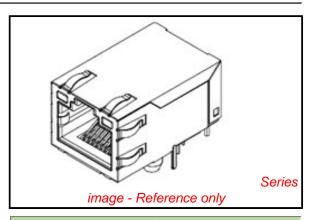
PCB Locator Yes **PCB** Retention Yes PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tray Pitch - Mating Interface (in) 0.050 In Pitch - Mating Interface (mm) 1.27 mm Pitch - Term. Interface (in) 0.050 In Pitch - Term. Interface (mm) 1.27 mm **Ports**

Positions / Loaded Contacts 8/8
Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -40°C to +70°C Termination Interface: Style Through Hole

Waterproof / Dustproof No Wire/Cable Type N/A

Electrical



China RoHS

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free

Halogen-Free Status
Not Reviewed

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

48025Series

Mates With FCC 68 Plugs

Current - Maximum per Contact 1.5A
Grounding to PCB Yes

Grounding to Panel Panel Ground Tab

Shielded Yes

Voltage - Maximum 150V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification PK-48025-001
Product Specification PS-48025-004
Sales Drawing SD-48025-006
Test Summary TS-48025-006

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

