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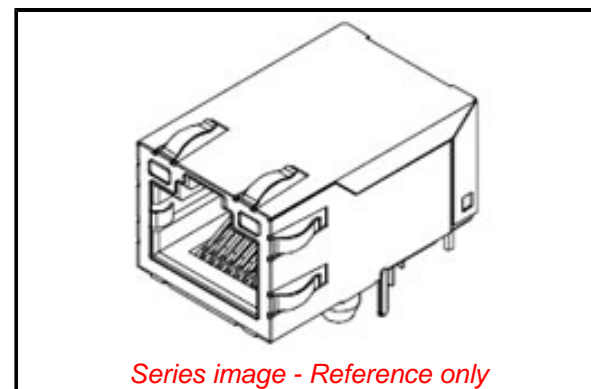
Part Number: 0480250091

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

Series image - Reference only

Documents:

3D Model
3D Model (PDF)
Drawing (PDF)
Product Specification PS-48025-005-001 (PDF)
Packaging Specification PK-48025-001-001 (PDF)
Test Summary TS-48025-007-001 (PDF)
RoHS Certificate of Compliance (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   China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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-freeProcess 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

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