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Part Number:

0480251090

Status:

Active

Overview:

Magnetic Modular Jacks

Description:

Modular Jack, Right Angle, 10/100, with Integrated Magnetic and LED, 8/8, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-48025-005-001 (PDF)

Product Specification TS-48025-009-001 (PDF)

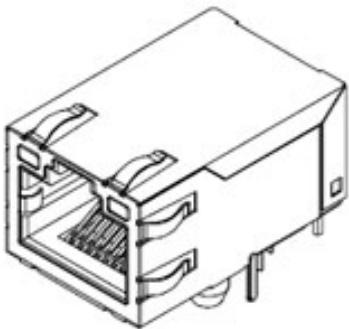
Packaging Specification PK-48025-001 (PDF)

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 Modular Jacks
Performance Category		5, 5e
Power over Ethernet (PoE)		Non-PoE
Product Name		Magnetic Jack, Modular Jack 8/8
UPC		822350848459

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		7.560/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

Electrical		
Current - Maximum per Contact		1.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

48025 Series

Mates With

FCC 68 Plugs

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)	005
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-48025-001
Product Specification	PS-48025-005-001, TS-48025-009-001
Sales Drawing	SD-48025-009

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