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Part Number:

0480250002

Status:

Active

Overview:

Magnetic Modular Jacks

Description:

Modular Jack, Right Angle, 10/100, with Integrated Magnetic and LED, 8/8, Tail Length 2.80mm for IR Reflow, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-48025-004-001 (PDF)

Product Specification TS-48025-006-001 (PDF)

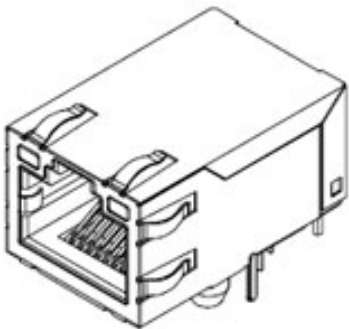
Packaging Specification PK-48025-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E107635
General		
Product Family		Modular Jacks/Plugs
Series		48025
Comments		With Lightpipes Tail Length: 2.80mm
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		822350301671

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		High Temperature Thermoplastic
Net Weight		7.000/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)		Yes
Temperature Range - Operating		-40°C to +70°C
Termination Interface: Style		Through Hole
Waterproof / Dustproof		No
Wire/Cable Type		N/A

Electrical



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/01/2017 (12	
January 2017)	
Halogen-Free	
Status	
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

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
Product Specification	PS-48025-004-001, TS-48025-006-001
Sales Drawing	SD-48025-006

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