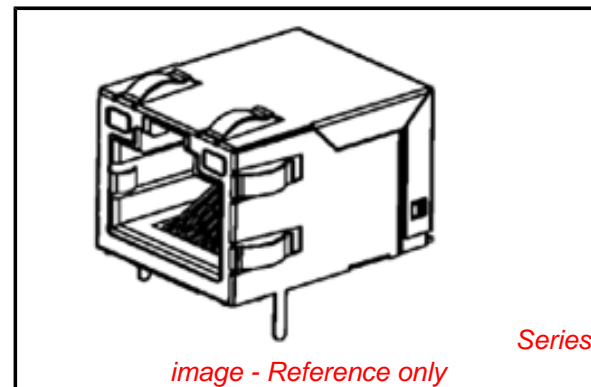


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Part Number: [48074-9001](#)
Status: **Active**
Overview: [Magnetic Modular Jacks](#)
Description: Modular Jack, Right Angle, Surface Mount, 10/100, with Integrated Magnetics and LED, 8/8, Lead-Free

Documents:

3D Model	Application Specification AS-48074-001 (PDF)
Drawing (PDF)	Test Summary TS-48074-002 (PDF)
Product Specification PS-48074-002 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	48074
Comments	With LED Surface Mount Type
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	RJ45
UPC	822350848428

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	13.45mm
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	5.650/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +70°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

48074Series

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)	5
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	245

Material Info**Reference - Drawing Numbers**

Application Specification	AS-48074-001
Product Specification	PS-48074-002
Sales Drawing	SD-48074-002
Test Summary	TS-48074-002

This document was generated on 04/10/2015

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