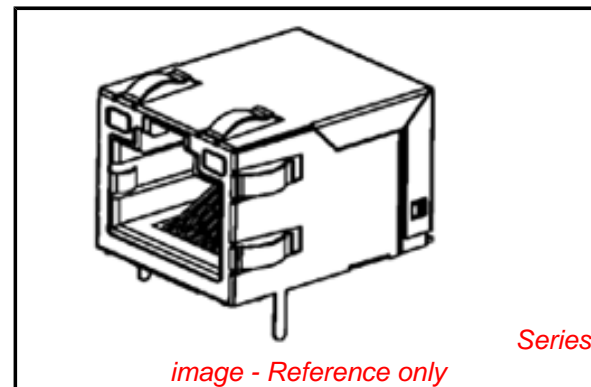


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**Part Number:** [48074-9001](#)  
**Status:** **Active**  
**Overview:** [Magnetic Modular Jacks](#)  
**Description:** Modular Jack, Right Angle, Surface Mount, 10/100, with Integrated Magnetics and LED, 8/8, Lead-Free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-48074-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-48074-002 (PDF)</a>
<a href="#">Product Specification PS-48074-002 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E107635

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">48074</a>
Comments	With LED Surface Mount Type
Component Type	PCB Jack
Magnetic	Yes
Overview	<a href="#">Magnetic Modular Jacks</a>
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](mailto: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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