Part Number : 480749101
Product Description : Modular Jack, Right-Angle, Surface Mount, with Integrated Magnetics and LED, with all Panel Grounding Tabs, 8/8, Lead-Free
Series Number : 48074
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

480749101_sd.pdf

PK-48074-101-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-48074-005-001.pdf

PS-48074-006-001.pdf

TS-48074-006-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Modular Jacks and Plugs
Series	48074
Description	Modular Jack, Right-Angle, Surface Mount, with Integrated Magnetics and LED, with all Panel Grounding Tabs, 8/8, Lead-Free
Comments	With LED, Surface Mount Type
Component Type	PCB Jack
Magnetic	Yes
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	Modular Jack 8/8,RJ45
UPC	887191646923

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	With All Panel Grounding Tabs
Grounding to PCB	Yes
Shielded	Yes

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Voltage - Maximum	5.5V DC

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
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	5.600/g
Orientation	Right Angle (Side Entry)
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number

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Mates With	FCC 68 Plugs

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