**Part Number :** 480749103
**Product Description :** Modular Jack, Right-Angle, Surface Mount, with Integrated Magnetics and LED, with Top Panel Grounding Tabs, 8/8, Lead-Free
**Series Number :** 48074
**Status :** Active
**Product Category :** Modular Jacks and Plugs



## Documents & Resources

### Drawings

480749103_sd.pdf

PK-48074-101-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### 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)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

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 Top 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 | 887191646930 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.5A |
| Grounding to Panel | Top Panel Ground Tabs |
| Grounding to PCB | Yes |
| Shielded | Yes |

| | |
|---|---|
| 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 | 5.650/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 |
|---|---|

| | |
|---|---|
| Mates With | FCC 68 Plugs |