



Part Number : [442480089](#)
Product Description : Modular Jack, Right-Angle,
Low Profile, Inverted, 8/8, 2 Ports
Series Number : 44248
Status : Active
Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings

[442480089_sd.pdf](#)
[PK-44248-004-001.pdf](#)

3D Models and Design Files


[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[PS-43860-003-001.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 | 44248 |
| Description | Modular Jack, Right-Angle, Low Profile, Inverted, 8/8, 2 Ports |
| Comments | Industry Compatible |
| Component Type | PCB Jack |
| Magnetic | No |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | Modular Jack 8/8,RJ45 |
| UPC | 800753131217 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E107635 |

Electrical

| | |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB | Yes |
| Shielded | Yes |
| Voltage - Maximum | 150V AC (RMS) |

Physical

| | |
|--------------------------------|--------------------------|
| Boot Color | N/A |
| Color - Resin | Black |
| Durability (mating cycles max) | 500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | Yes |
| Jack Height | 13.45mm |
| Lightpipes/LEDs | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 6.360/g |
| Orientation | Right Angle (Side Entry) |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 1.02mm |
| Pitch - Termination Interface | 1.02mm |
| Plating min - Mating | 1.270µm |
| Plating min - Termination | 2.540µm |
| Port Configuration | 1x2 |
| Positions / Loaded Contacts | 8/8 |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

This document was generated on Aug 11, 2025