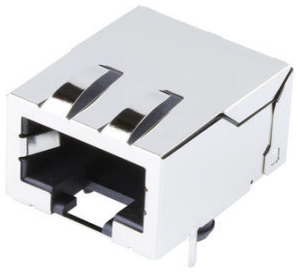
**Part Number :** 432028917
**Product Description :** Modular Jack, Right-Angle, Low Profile, Shielded, Top Panel Grounding Tabs, with Bottom Grounding Tab, Front Position PCB Ground Tab, 8/8
**Series Number :** 43202
**Status :** Active
**Product Category :** Modular Jacks and Plugs



## Documents & Resources

### Drawings

432028917_sd.pdf

PK-43202-004-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-43202-001-001.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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Modular Jacks and Plugs |
| Series | 43202 |
| Description | Modular Jack, Right-Angle, Low Profile, Shielded, Top Panel Grounding Tabs, with Bottom Grounding Tab, Front Position PCB Ground Tab, 8/8 |
| Comments | Enhanced panel grounding tabs |
| Component Type | PCB Jack |
| Magnetic | No |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | Modular Jack 8/8,RJ45 |
| UPC | 800754883306 |

### Agency

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

### Electrical

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

**Physical**

| | |
|---|---|
| Color - Resin | Black |
| Durability (mating cycles max) | 500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | No |
| Jack Height | 12.09mm |
| Lightpipes/LEDs | None |
| Material - Metal | Brass, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 4.350/g |
| Orientation | Right Angle (Side Entry) |
| Packaging Type | Tray |
| Panel Mount | Without Flange |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 1.02mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 1.270µm |
| Plating min - Termination | 2.540µm |
| Port Configuration | 1x1 |
| Positions / Loaded Contacts | 8/8 |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Through Hole |
| Wire/Cable Type | N/A |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 5 |

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

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | FCC 68 Plugs |