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**Part Number:** **0442480001**

**Status:** **Active**

**Overview:** Magnetic and Modular Jacks/Plugs

**Description:** Modular Jack, Right-Angle, Low Profile, Inverted, Lightpipes, 8/8, 2 Ports


*Series image - Reference only*

## Documents:

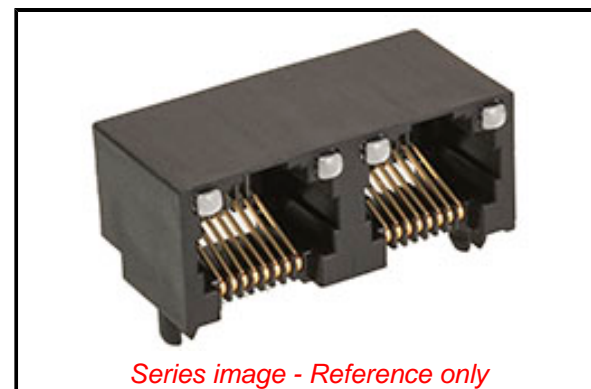| | |
|---|---|
| 3D Model (PDF) | Application Specification AS-43860-001-001 (PDF) |
| 3D Model | Packaging Specification PK-44248-004-001 (PDF) |
| Drawing (PDF) | Test Summary TS-43860-001-001 (PDF) |
| Product Specification PS-43860-003-001 (PDF) | RoHS Certificate of Compliance (PDF) |

### Agency Certification
| | |
|---|---|
| CSA | LR19980 |
| UL | E107635 |

### General
| | |
|---|---|
| Product Family | Modular Jacks/Plugs |
| Series | 44248 |
| Comments | Industry Compatible |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | Magnetic and Modular Jacks/Plugs |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | Modular Jack 8/8, RJ45 |
| UPC | 800753131002 |

### Physical
| | |
|---|---|
| Boot Color | N/A |
| Color - Resin | Black, Clear |
| Durability (mating cycles max) | 500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | Yes |
| Jack Height | 13.21mm |
| Lightpipes/LEDs | Lightpipes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polycarbonate, Polyester |
| Net Weight | 3.841/g |
| Orientation | Right Angle (Side Entry) |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Packaging Type | Tray |
| Panel Mount | With Flange |
| 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 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |

**EU ELV**
**Not Relevant**

**EU RoHS**     **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - D(2021)4569-DC (8 July 2021)

**Halogen-Free Status**
**Not Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
44248 Series

**Mates With**
FCC 68 Plugs

**Electrical**
Current - Maximum per Contact          1.5A
Grounding to PCB                       No
Shielded                               No
Voltage - Maximum                      150V AC (RMS)

**Solder Process Data**
Duration at Max. Process Temperature (seconds)    005
Lead-freeProcess Capability                       WAVE
Max. Cycles at Max. Process Temperature           001
Process Temperature max. C                        260

**Material Info**

**Reference - Drawing Numbers**
Application Specification               AS-43860-001-001
Packaging Specification                PK-44248-004-001
Product Specification                  PS-43860-003-001
Sales Drawing                          SD-44248-001-001
Test Summary                           TS-43860-001-001

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