



Part Number : 437438101

Series Number : 43743

Product Category : Modular Jacks and Plugs

Product Description : Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8

Status : Active

Documents & Resources

Drawings

Drawing 437438101_sd.pdf
PK-70873-700+-001.pdf

3D Models and Design Files


3D Model 437438101_stp.zip

Specifications

Product Specification PS-43743-0001-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

| | |
|---------------------------|------------------------------------------------------------|
| Status | Active |
| Category | Modular Jacks and Plugs |
| Series | 43743 |
| Description | Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8 |
| Comments | Outboard Solder Tabs |
| Component Type | PCB Jack |
| Magnetic | No |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Family | Magnetic and Modular Jacks/Plugs |
| Product Name | Modular Jack 8/8,RJ45 |
| UPC | 800753238046 |

Agency

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

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Shielded | No |
| Voltage - Maximum | 125V |

Physical

| | |
|--------------------------------|---------|
| Color - Resin | Black |
| Durability (mating cycles max) | 500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | No |
| Jack Height | 11.74mm |
| Lightpipes/LEDs | None |

| | |
|--------------------------------|--------------------------------|
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 2.772/g |
| Orientation | Right Angle (Side Entry) |
| Packaging Type | Embossed Tape on Reel |
| PCB Retention | Yes |
| 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 +80°C |
| Termination Interface Style | Surface Mount |
| Wire/Cable Type | N/A |

Solder Process Data

| | |
|------------------------------|--------|
| Max-Duration | 30 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 1 |
| Max-Temp | 235 |

Mates With / Use With

Mates with Part(s)

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