**Part Number :** 855135114
**Product Description :** Modular Jack, Vertical, Top Entry, Surface Mount, 6/6, Low Profile, Pick-and-Place Polyimide Tape, 13" Reel
**Series Number :** 85513
**Status :** Active
**Product Category :** Modular Jacks and Plugs



## Documents and Resources

### Drawings

855135114_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

AS-85513-001-001.pdf

PS-85513-002-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- 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 | 85513 |
| Description | Modular Jack, Vertical, Top Entry, Surface Mount, 6/6, Low Profile, Pick-and-Place Polyimide Tape, 13" Reel |
| Comments | Reflow Capable, Small Panel Cutout |
| Component Type | PCB Jack |
| Magnetic | No |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | Modular Jack 6/6 |
| UPC | 887191677651 |

### Electrical

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

### Physical

| | |
|---|---|
| Boot Color | N/A |
| Color - Resin | Black |
| Durability (mating cycles max) | 2500 |

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| | |
|---|---|
| Inverted / Top Latch | No |
| Jack Height | 12.70mm |
| Lightpipes/LEDs | None |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Palladium Nickel |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 2.258/g |
| Orientation | Vertical (Top Entry) |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 1.02mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 0.051µm, 1.016µm |
| Plating min - Termination | 1.905µm |
| Port Configuration | 1x1 |
| Positions / Loaded Contacts | 6/6 |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |



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