**Part Number :** 548191572
**Product Description :** Mini USB, B-Receptacle, Right-Angle, Surface Mount Solder Tails and Shell Tabs, with Cover Tape, Lead-Free, LCP Housing
**Series Number :** 54819
**Status :** Active
**Product Category :** I/O Connectors



## Documents and Resources

### Drawings

548191572_sd.pdf

54819025-SPK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-54819-011-001.pdf

PS-54819-012-001.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

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- 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 | I/O Connectors |
| Series | 54819 |
| Description | Mini USB, B-Receptacle, Right-Angle, Surface Mount Solder Tails and Shell Tabs, with Cover Tape, Lead-Free, LCP Housing |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | USB |
| Standard | USB 2.0 |
| Type | Mini-B |
| UPC | 822348178834 |

### Agency

| | |
|---|---|
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.0A |
| Shielded | Yes |
| Voltage - Maximum | 30V |

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## Physical

| | |
|---|---|
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Durability (mating cycles max) | 5000 |
| Gender | Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Top-Mount |
| Net Weight | 0.600/g |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | No |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.80mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.016µm |
| Polarized to Mating Part | Yes |
| Temperature Range - Operating | -20° to +85°C |
| Termination Interface Style | Surface Mount |
| Waterproof / Dustproof | No |

## Solder Process Data

| | |
|---|---|
| Max-Duration | 3 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 1 |
| Max-Temp | 250 |



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