



**Part Number :** [548190519](#)

**Product Description :** Mini USB, B-Receptacle, Right-Angle, Through Hole Solder Tails and Shell Tabs, Lead-Free

**Series Number :** 54819

**Status :** Active

**Product Category :** I/O Connectors

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## Documents and Resources

### Drawings

[548190519\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[EE-54819-0001-001.pdf](#)

[SP-54819-67542-0001-001.zip](#)

### Specifications


[SPK-54819-001-001.pdf](#)

[PS-56579-015-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not 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
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### 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

## Part Details

### General

Status	Active
Category	I/O Connectors
Series	54819
Description	Mini USB, B-Receptacle, Right-Angle, Through Hole Solder Tails and Shell Tabs, Lead-Free
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 2.0
Type	Mini-B
UPC	822348124435

### Agency

UL	E29179
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### Electrical

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

## Physical

Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
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	0.572/g
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.80mm
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	Through Hole
Waterproof / Dustproof	No

## Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

This document was generated on Apr 09, 2026