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**Part Number:** [0548190519](#)  
**Status:** **Active**  
**Overview:** USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles  
**Description:** Mini USB, B-Receptacle, Right-Angle, Through Hole Solder Tails and Shell Tabs, Lead-Free

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-56579-015-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-54819-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">54819</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles</a>
Product Name	USB
Standard	USB 2.0
Taxonomy	I/O Connectors
Type	Mini-B
UPC	822348124435

**Physical**

Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-0
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
PC Tail Length	1.80mm
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact 1.0A



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[54819 Series](#)

**Mates With**

[592049401](#) , [592053301](#)

Shielded	Yes
Voltage - Maximum	30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Electrical Model Document	EE-54819-0001-001
Packaging Specification	SPK-54819-001-001
Product Specification	PS-56579-015-001
S-Parameter Model	SP-54819-67542-0001-001
Sales Drawing	SD-54819-026-001, SD-54819-026-002

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