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



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

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)

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EU RoHS	Compliant per EU 2015/863

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

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

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