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Part Number:

0548191572

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, Surface Mount Solder Tails and Shell Tabs, with Cover Tape, Lead-Free, LCP Housing

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-54819-011-001 (PDF)

Product Specification PS-54819-012-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	I/O Connectors
Series	54819
Application	Wire-to-Board
Component Type	Receptacle
Overview	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Taxonomy	I/O Connectors
Type	Mini-B
UPC	822348178834
Physical	
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	5000
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	0.600/g
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
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
Electrical	
Current - Maximum per Contact	1.0A
Shielded	Yes



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

54819 Series

Mates With

592049401 , 592053301

Voltage - Maximum	30V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-54819-011-001, PS-54819-012-001
Sales Drawing	SD-54819-025-001

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