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**Part Number:** [0475901001](#)  
**Status:** **Active**  
**Overview:** USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles  
**Description:** Micro-USB AB Receptacle, Right-Angle, Top Mount, Surface Mount, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-47589-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-47589-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

Product Family I/O Connectors  
Series [47590](#)  
Application Wire-to-Board  
Comments Signal contacts 1.0A, Power contacts 1.8A  
Component Type Receptacle  
Electrical Model Yes  
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 Micro-AB  
UPC 884982783737

**Physical**

Circuits (Loaded) 5  
Circuits (maximum) 5  
Color - Resin Gray  
Durability (mating cycles max) 10000  
Flammability 94V-0  
Gender Female  
Keying to Mating Part Yes  
Lock to Mating Part No  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Material - Resin High Temperature Thermoplastic  
Mounting Style Top-Mount  
Net Weight 0.263/g  
Number of Rows 1  
Orientation Right Angle  
PCB Retention None  
Packaging Type Embossed Tape on Reel  
Panel Mount No  
Pitch - Mating Interface 0.65mm  
Pitch - Termination Interface 0.65mm  
Polarized to Mating Part Yes  
Ports 1  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -30° to +85°C  
Termination Interface: Style Surface Mount  
Waterproof / Dustproof No



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU 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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47590 Series](#)

**Electrical**

Current - Maximum per Contact	1.8A, 1.0A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

**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	245

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

Electrical Model Document	EE-47590-001-001
Packaging Specification	PK-47589-001-001
Product Specification	PS-47589-001-001
S-Parameter Model	SP-47590-001-001
Sales Drawing	SD-47590-101-001

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