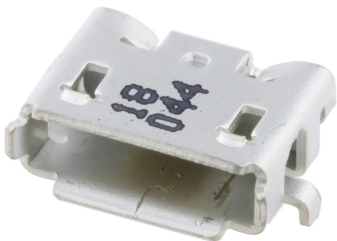




**Part Number :** [475891001](#)  
**Product Description :** Micro-USB AB  
Receptacle, Bottom-Mount, Surface Mount,  
Matte Tin Plated Shell, Lead-Free  
**Series Number :** 47589  
**Status :** Active  
**Product Category :** I/O Connectors



## Documents & Resources

**Drawings**  
[Drawing 475891001\\_sd.pdf](#)  
[Packaging Design Drawing PK-47589-001-001.pdf](#)

**3D Models and Design Files**  
[3D Model 475891001\\_stp.zip](#)

**Specifications**  
[Product Specification PS-47589-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen
- Multiple Part Industry Compliance Documents
- IPC 1752A Class C
  - IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	47589
Description	Micro-USB AB Receptacle, Bottom-Mount, Surface Mount, Matte Tin Plated Shell, Lead-Free
Application	Wire-to-Board
Comments	Signal contacts 1.0A, Power contacts 1.8A
Component Type	Receptacle
Product Family	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Type	Micro-AB
UPC	884982783751

#### Agency

UL	E107635
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#### Electrical

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

#### Physical

Circuits (Loaded)	5
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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	Bottom-Mount
Net Weight	0.263/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Retention	None
Pitch - Mating Interface	0.65mm
Pitch - Termination Interface	0.65mm
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-30° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

## Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	245