

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0475901001](#)
Status: **Active**
Overview: [USB Products and Solutions](#)
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

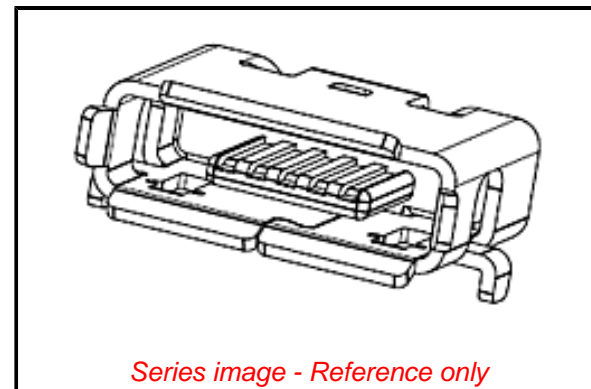
Product Family I/O Connectors
 Series [47590](#)
 Application Wire-to-Board
 Comments Signal contacts 1.0A, Power contacts 1.8A
 Component Type Receptacle
 Electrical Model Yes
 Overview [USB Products and Solutions](#)
 Product Name USB
 Standard USB 2.0
 Type Micro-AB
 UPC 884982783737

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

Electrical

Current - Maximum per Contact 1.8A, 1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)9139-DC (19
 Jan 2021)

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](#)

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-freeProcess 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

This document was generated on 08/26/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[47590-1001](#)