

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0475900001](#)
Status: **Active**
Overview: [Consumer USB Products](#)
Description: Micro-USB AB Receptacle, Right Angle, Top Mount, Surface Mount, Lead-Free

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

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 [Consumer USB Products](#)
Product Name USB 2.0
Type Micro-AB
UPC 800756710150

Physical

Boot Color N/A
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Black
Durability (mating cycles max) 10000
Flammability 94V-0
Gender Receptacle
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
Net Weight 0.265/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°C to +85°C
Termination Interface: Style Surface Mount
Waterproof / Dustproof No

Electrical

Current - Maximum per Contact 1.8A, 1.0A
Grounding to Panel Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[47590 Series](#)

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	260

Material Info

Reference - Drawing Numbers

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

This document was generated on 07/26/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION