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Part Number: [0475900001](#)
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)
Drawing (PDF)	Packaging Specification PK-47589-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E107635

General

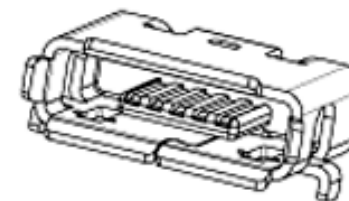
Product Family	I/O Connectors
Series	47590
Application	Wire-to-Board
Comments	Signal contacts 1.0A, Power contacts 1.8A, Signal contacts 1.0A, Power contacts 1.8A
Component Type	Receptacle
Electrical Model	Yes
Overview	USB Products and Solutions
Product Name	USB 2.0
Type	Micro-AB
UPC	800756710150

Physical

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	10000
Flammability	94V-0
Gender	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
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° 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 - ED/71/2019 (16 July 2019)

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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	NT501-5520
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Reference - Drawing Numbers

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

This document was generated on 01/27/2020

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