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Part Number: 47590-0001

Status: Active
Overview: Micro USB

Description: Micro-USB AB Receptacle, Right Angle, Top Mount, SMT, Lead-Free

Documents:

<u>3D Model</u> <u>Product Specification PS-47589-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

General

Product Family I/O Connectors
Series 47590
Application Wire-to-Board
Component Type Receptacle
Electrical Model Yes
Overview Micro USB
Product Name Micro-USB

Type AB

UPC 800756710150

Physical

Boot Color N/A Circuits (Loaded) 5 Circuits (maximum) 5 Color - Resin Black Durability (mating cycles max) 10,000 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 Weight0.265/gNumber of Rows1OrientationRight 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

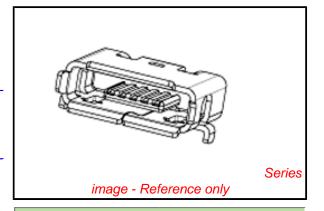
Electrical

Current - Maximum per Contact
Grounding to Panel
Shield Type
Shielded

1.8A, 1A
Yes
Full Shield
Yes

Voltage - Maximum 30V AC (RMS)

Solder Process Data



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, <u>click here</u>

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>47590</u>Series

Duration at Max. Process Temperature (seconds) 10

Lead-free Process Capability Reflow Capable (SMT only)

Max. Cycles at Max. Process Temperature Process Temperature max. C 260

Material Info

Reference - Drawing Numbers
Electrical Model Document EE-47590-001 **Product Specification** PS-47589-001 S-Parameter Model SP-47590-001 Sales Drawing SD-47590-001

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