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Connectors

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ProductsHome: I/O Connectors **Datasheet****Part Number: 47589-1011**

Series image - Reference only

Status: Active - Custom
Series: [47589](#)
Category: I/O Connectors
Overview: [Consumer USB Products](#)

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RoHS Certificate of Compliance (PDF)

Multiple Part Product Compliance Form

Application Tooling[FAQ](#)

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling[Check our list of old tooling that used to be available for this part](#)**Part Detail**

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General

Status	Active - Custom
Category	I/O Connectors
Series	47589
Application	Wire-to-Board
Component Type	Receptacle
Overview	Consumer USB Products
Product Name	Micro-USB
Type	AB
UPC	884982912557

Physical

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	10, 000
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	0.583/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)	No
Temperature Range - Operating	-30❖C to +85❖C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1.8A, 1A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. Click here to visit the UL Database	
UL	E107635

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Product Specification	PS-47589-001
Sales Drawing	SD-47589-111

Molex Connectors

- Wire-to-Board
- Board-to-Board
- Wire-to-Wire
- Input/Output (IO)
- FFC/FPC
- Sockets

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- Fiber Optic Products
- Antennas
- Industrial Automation
- Membrane Switches
- Copper Flex
- PCB Assemblies
- Woodhead Electrical
- Solid State Lighting

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