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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

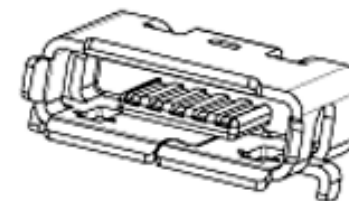
| | |
|------------------|--|
| Product Family | I/O Connectors |
| Series | 47590 |
| Application | Wire-to-Board |
| Comments | Signal contacts 1.0A, Power contacts 1.8A |
| Component Type | Receptacle |
| Electrical Model | Yes |
| Overview | USB Products and Solutions |
| Product Name | USB 2.0 |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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

| | |
|-------------------|--------------|
| 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

| | |
|--------------------|------------|
| Engineering Number | NT501-5520 |
|--------------------|------------|

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 |

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