

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0565790576](#)
Status: **Active**
Overview: [USB Products and Solutions](#)
Description: Mini USB, AB-Receptacle, Right-Angle, Surface Mount Solder Tails and Shell Tabs, with Cover Tape, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-56579-015-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification SPK-56579-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

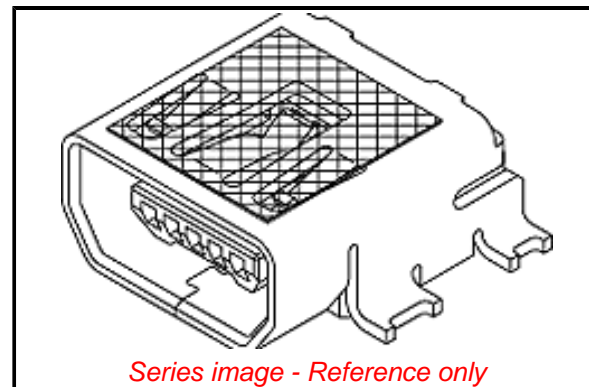
| | |
|----------------|--|
| Product Family | I/O Connectors |
| Series | 56579 |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Overview | USB Products and Solutions |
| Product Name | USB |
| Standard | USB 2.0 |
| Type | Mini-AB |
| UPC | 822348392223 |

Physical

| | |
|--------------------------------|---|
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Gray |
| Gender | Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA), Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Top-Mount |
| Net Weight | 0.565/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 0.80mm |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | No |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.016µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -20° to +85°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | No |
| Wire Size AWG | N/A |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1.0A |
| Shield Type | Full Shield |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not 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

[56579 Series](#)

Mates With

USB OTG mini-A Plug|USB OTG mini-B Plug

| | |
|-------------------|-----------------|
| Shielded | Yes |
| Voltage - Maximum | 30V AC (RMS)/DC |

Solder Process Data

| | |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 003 |
| Lead-free Process Capability | REFLOW |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 250 |

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|---|
| Packaging Specification | SPK-56579-002-001 |
| Product Specification | PS-56579-015-001 |
| Sales Drawing | SD-56579-015-001, SD-56579-015-002, SD-56579-016-001 |

This document was generated on 08/23/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION