

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [56579-0576](#)
Status: **Active**
Overview: [Consumer USB Products](#)
Description: USB On-The-Go (OTG) Mini-AB Receptacle, Right Angle, Surface Mount Solder Tails and Shell Tabs, with Cover Tape, Lead-Free

Documents:

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

General

| | |
|----------------|---------------------------------------|
| Product Family | I/O Connectors |
| Series | 56579 |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Overview | Consumer USB Products |
| Product Name | USB OTG (On-The-Go) |
| Type | Mini-AB (OTG) |
| UPC | 822348392223 |

Physical

| | |
|--------------------------------|---|
| Boot Color | N/A |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Gray |
| Gender | Receptacle |
| 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 |
| Net Weight | 0.500/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°C to +85°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | No |
| Wire Size AWG | N/A |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1A |
| Shield Type | Full Shield |
| Shielded | Yes |

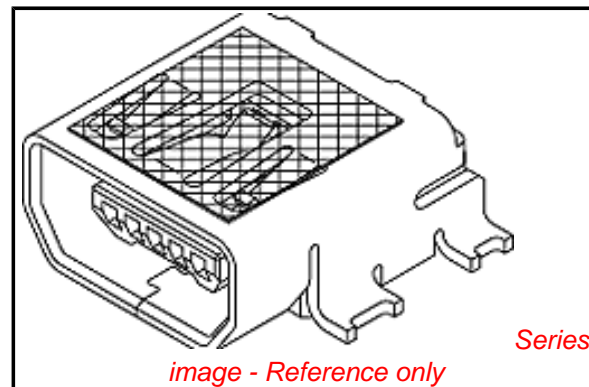


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Not Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[56579Series](#)

Mates With

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

Voltage - Maximum 30V AC (RMS)/DC

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 | 250 |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-56579-015, RPS-56579-003, RPS-56579-004, RPS-56579-006, RPS-56579-007, RPS-56579-009, RPS-56579-010 |
| Sales Drawing | SD-56579-015, SD-56579-016 |

This document was generated on 12/17/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION