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**Part Number:** [0565790576](#)  
**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**

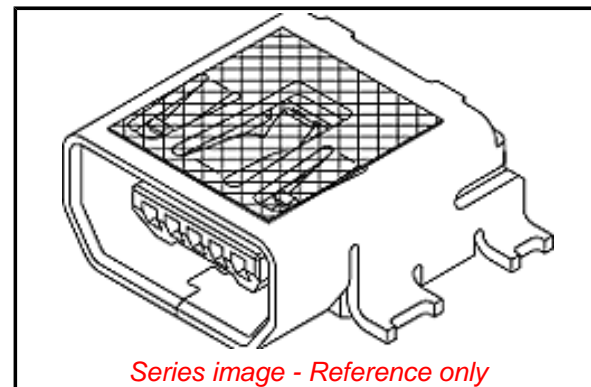
|                |                                       |
|----------------|---------------------------------------|
| Product Family | I/O Connectors                        |
| Series         | <a href="#">56579</a>                 |
| Application    | Wire-to-Board                         |
| Component Type | Receptacle                            |
| Overview       | <a href="#">Consumer USB Products</a> |
| Product Name   | USB 2.0, 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                     | 0.565/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°C 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     |
| Shielded                      | Yes             |
| Voltage - Maximum             | 30V AC (RMS)/DC |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[56579 Series](#)

**Mates With**

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

**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**

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

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