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

General

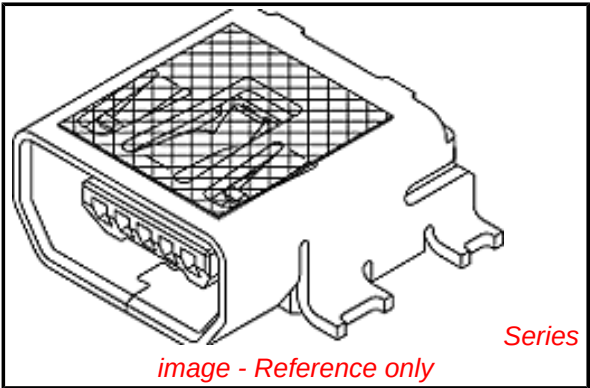
Product Family	I/O Connectors
Series	56579
Application	Wire-to-Board
Component Type	Receptacle
Overview	Consumer USB Products
Product Name	USB OTG (On-The-Go)
Type	Mini-AB (OTG)
UPC	822348392223

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



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



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

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