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**Part Number:** [54819-0572](#)  
**Status:** **Active**  
**Overview:** [USB OTG \(On-The-Go\)](#)  
**Description:** USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, SMT 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 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family I/O Connectors  
 Series [54819](#)  
 Application Wire-to-Board  
 Component Type Receptacle  
 Overview [USB OTG \(On-The-Go\)](#)  
 Product Name USB OTG (On-The-Go)  
 Type Mini-B  
 UPC 822348264353

**Physical**

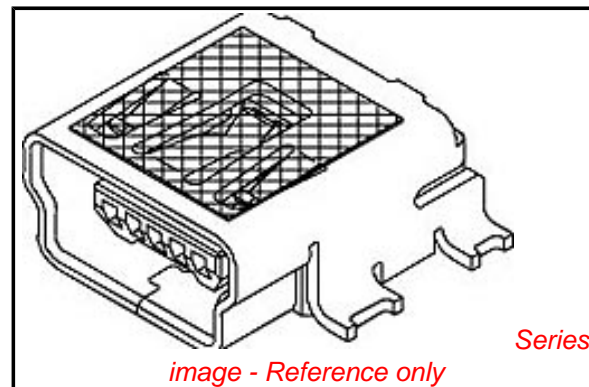
Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Black  
 Durability (mating cycles max) 5,000  
 Flammability 94V-0  
 Gender Receptacle  
 Lock to Mating Part Yes  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.600/g  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Panel Mount No  
 Pitch - Mating Interface 0.80mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.016µm  
 Polarized to Mating Part Yes  
 Surface Mount Compatible (SMC) N/A  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire Size AWG N/A

**Electrical**

Current - Maximum per Contact 1A  
 Shielded Yes  
 Voltage - Maximum 30V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 3



*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](mailto: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**

54819Series

**Mates With**

592049401 , 592053301

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

Reflow Capable (SMT only)  
1  
250

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification

PS-56579-015, RPS-54819-019, RPS-54819-020,  
RPS-54819-022, RPS-54819-024, RPS-54819-026,  
RPS-54819-029, RPS-54819-030, RPS-56579-004,  
RPS-56579-007, RPS-56579-009, RPS-56579-010  
SD-54819-027, SD-54819-028

Sales Drawing

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