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**Part Number:** [51387-0530](#)  
**Status:** **Active**  
**Overview:** USB OTG (On-The-Go)  
**Description:** USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, Short Body, SMT Solder Tails and Through Hole Shell Tabs, with Cover Tape, Reflow DIP Type, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-51387-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

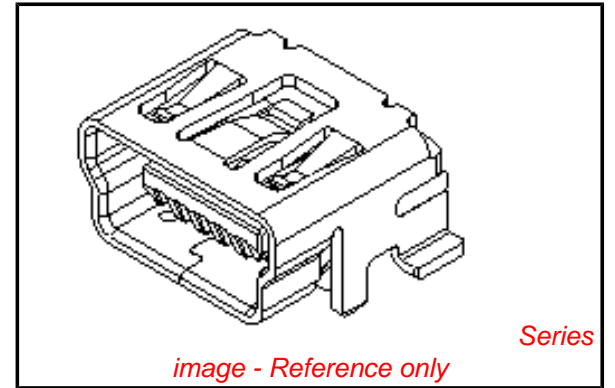
Product Family	I/O Connectors
Series	<a href="#">51387</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">USB OTG (On-The-Go)</a>
Product Name	USB OTG (On-The-Go)
Type	Mini-B
UPC	822348520787

**Physical**

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
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	0.300/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
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	0°C to +50°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
Voltage - Maximum	30V AC (RMS)/DC



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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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**

[51387Series](#)

**Mates With**

[592049405](#)

**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	245

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-51387-003, RPS-51387-003, RPS-51387-005
Sales Drawing	SD-51387-005, SD-51387-006

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