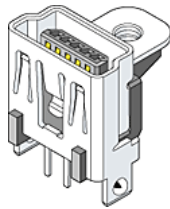


**Part Number: 500075-0509**

USB On-The-Go (OTG) Mini-B Receptacle, Vertical with Screw Flange, Through Hole Solder Tails and Shell Tabs with Dimple



Series image - Reference only

Status: Contact Molex
Series: 500075
Category: I/O Connectors

Mates With Part(s):

59204 mini-B cable assembly

Part Detail**General**

Status	Contact Molex
Category	I/O Connectors
Series	500075
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB, USB OTG (On-The-Go)
Type	Mini-B

Physical

Boot Color	N/A
Circuits (Loaded)	5
Color - Resin	Black
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Copper
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.00mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +50°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical**(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	1A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

Material Info

UPC	756054382042
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Reference - Drawing Numbers

Product Specification	PS-500075-001, RPS-500075-001, RPS-500075-003
Sales Drawing	SD-500075-001

Application Tooling

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)