



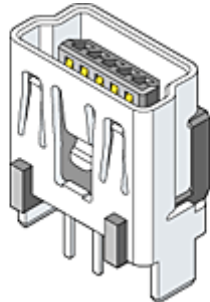
Home: I/O Connectors

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Part Number: 500075-0517

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



Series image - Reference only

Status:Active

Series:[500075](#)

Category:I/O Connectors

Overview:[Consumer USB Products](#)

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Mates With Part(s):

[59204](#) mini-B Cable Assembly

Specifications & Other Documents:

[Part Details \(PDF\)](#)

[Product Specification PS-500075-002-001.pdf](#)

[Packaging Specification SPK-500075-002-001.pdf](#)

Sales Drawings, 3D Models, and Brochures

[Drawing \(PDF\)](#)

[3D Model](#)

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Questions on Product Environmental Compliance? Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

[EU ELV](#):Not Relevant

[EU RoHS](#):Compliant

[EU RoHS Phthalates](#):Not Contained

[China RoHS](#):

[REACH SVHC](#):Not Contained Per -

[RoHS Certificate of Compliance \(PDF\)](#)

[Multiple Part Product Compliance Form](#)

Application Tooling

FAQ

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](#)

Part Detail

COLLAPSE ALL

General

|          |                        |
|----------|------------------------|
| Status   | Active                 |
| Category | I/O Connectors         |
| Series   | <a href="#">500075</a> |

|                |                                       |
|----------------|---------------------------------------|
| Application    | Wire-to-Board                         |
| Component Type | Receptacle                            |
| Overview       | <a href="#">Consumer USB Products</a> |
| Product Name   | USB, USB OTG (On-The-Go)              |
| Type           | Mini-B                                |
| UPC            | 822348241200                          |

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          |
| Net Weight                     | 521.440/mg   |
| 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                    | No           |
| 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 | -40°C to +85°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                                   | 1.0A            |
| Shield Type                                                     | Full Shield     |
| Shielded                                                        | Yes             |
| Voltage - Maximum                                               | 30V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | SPK-500075-002-001 |
| Product Specification   | PS-500075-002-001  |
| Sales Drawing           | SD-500075-007      |

PRODUCTS

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Connected Lighting  
Connectors  
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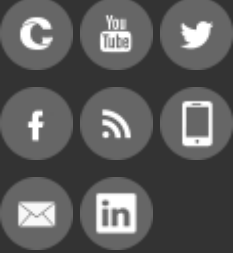
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