



**Part Number :** [5000751517](#)

**Product Description :** Mini USB, B-Receptacle, Vertical, Through Hole Solder Tails and Shell Tabs

**Series Number :** 500075

**Status :** Active

**Product Category :** I/O Connectors



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## Documents and Resources

### Drawings

[5000751517\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	I/O Connectors
Series	500075
Description	Mini USB, B-Receptacle, Vertical, Through Hole Solder Tails and Shell Tabs
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 2.0
Type	Mini-B
UPC	822348241217

### Electrical

Current - Maximum per Contact	1.0A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	30V AC (RMS)/DC

### Physical

Circuits (Loaded)	5
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Circuits (maximum)	5
Color - Resin	Black
Gender	Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Vertical
Net Weight	521.440/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm
PC Tail Length	2.00mm
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

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