

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0476420001](#)  
**Status:** **Active**  
**Overview:** USB Products and Solutions  
**Description:** Micro-USB B Receptacle, Mid-Mount, with Through Hole Solder Tab, Gold (Au) Flash Plating, without Mylar, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-47642-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-47642-001-001 \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

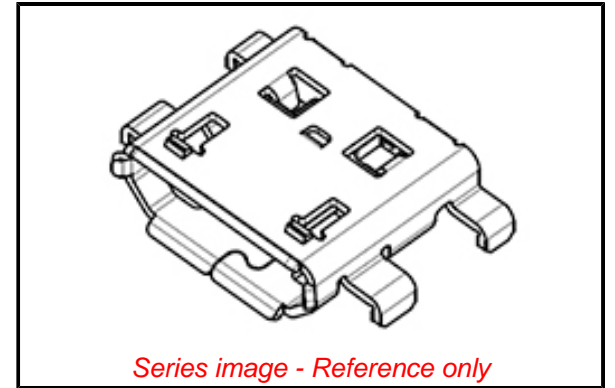
Product Family I/O Connectors  
 Series [47642](#)  
 Application Wire-to-Board  
 Comments Signal contacts 1.0A, Power contacts 1.8A  
 Component Type Receptacle  
 Overview [USB Products and Solutions](#)  
 Product Name USB 2.0  
 Type Micro-B  
 UPC 883906099435

**Physical**

Boot Color N/A  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Color - Resin Black  
 Durability (mating cycles max) 10000  
 Flammability 94V-0  
 Gender Female  
 Keying to Mating Part Yes  
 Lock to Mating Part No  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.280/g  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Retention None  
 Packaging Type Embossed Tape on Reel  
 Panel Mount No  
 Pitch - Mating Interface 0.65mm  
 Pitch - Termination Interface 0.65mm  
 Polarized to Mating Part Yes  
 Ports 1  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -30° to +85°C  
 Termination Interface: Style Through Hole  
 Waterproof / Dustproof No

**Electrical**

Current - Maximum per Contact 1.8A, 1.0A  
 Grounding to Panel Yes



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47642 Series](#)

|                   |              |
|-------------------|--------------|
| Shield Type       | Full Shield  |
| Shielded          | Yes          |
| Voltage - Maximum | 30V AC (RMS) |

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 002    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 255    |

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

|                           |                            |
|---------------------------|----------------------------|
| Electrical Model Document | EE-47642-001, EE-47642-002 |
| Packaging Specification   | PK-47642-001-001           |
| Product Specification     | PS-47642-001-001           |
| Sales Drawing             | SD-47642-001               |

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