

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

**Agency Certification**

UL E107635

**General**

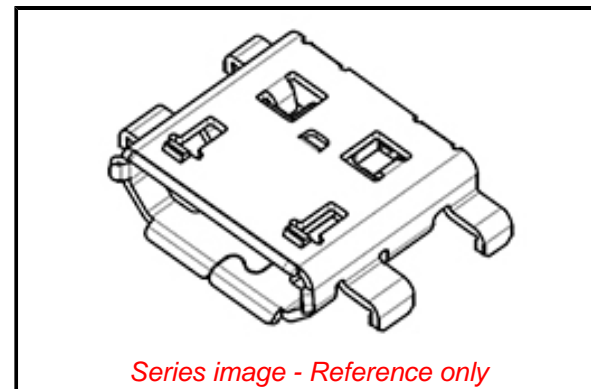
Product Family I/O Connectors  
 Series [47642](#)  
 Application Wire-to-Board  
 Comments Signal contacts 1.0A, Power contacts 1.8A, Signal contacts 1.0A, Power contacts 1.8A  
 Component Type Receptacle  
 Overview [USB Products and Solutions](#)  
 Product Name USB 2.0  
 Type Micro-B  
 UPC 883906099435

**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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ECHA\_01\_2020 (16  
 January 2020

**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](#)

Grounding to Panel	Yes
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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