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**Part Number:** [47491-0001](#)  
**Status:** **Active**  
**Overview:** Micro USB  
**Description:** 0.65mm Pitch Micro-USB B Receptacle, Mid-Mount, SMT, Matte Tin Plated Shell, Lead-Free

**Documents:**

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

**General**

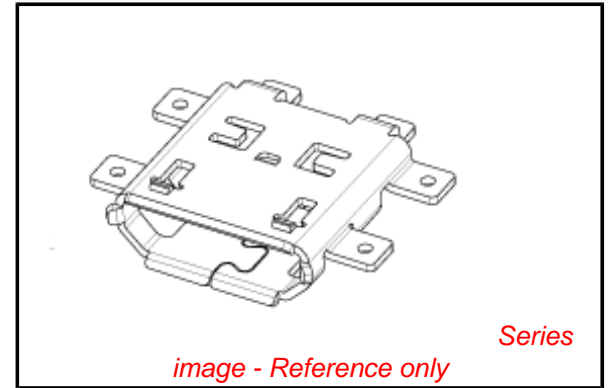
Product Family	I/O Connectors
Series	<a href="#">47491</a>
Application	Wire-to-Board
Comments	Mid Mount Type, with 4 horizontal solder tabs
Component Type	Receptacle
MolexKits	Yes
Overview	<u>Micro USB</u>
Product Name	Micro-USB
Type	B

**Physical**

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.65mm
Pitch - Termination Interface	0.65mm
Plating min - Mating	0.051µm
Plating min - Termination	0.051µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.8A, 1A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[47491Series](#)

**Mates With**

[68784](#) Micro-USB Cable Plugs

Voltage - Maximum 100V AC (RMS)

### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

### **Material Info**

### **Reference - Drawing Numbers**

Product Specification	PS-47642-001
Sales Drawing	SD-47491-001

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