

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

**Part Number:** [0474910001](#)  
**Status:** **Active**  
**Overview:** [Consumer USB Products](#)  
**Description:** [Micro-USB B Receptacle, Mid-Mount, Matte Tin Plated Shell, Lead-Free](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-47491-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-47642-001-001 \(PDF\)](#)

**General**

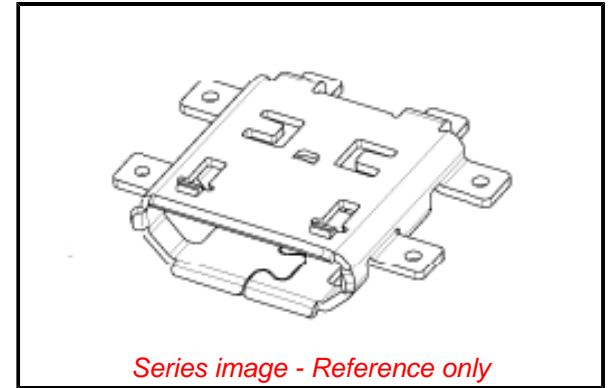
|                |   |
|----------------|---|
| Product Family | I/O Connectors                            |
| Series         | <a href="#">47491</a>                     |
| Application    | Wire-to-Board                             |
| Comments       | Signal contacts 1.0A, Power contacts 1.8A |
| Component Type | Receptacle                                |
| MolexKits      | Yes                                       |
| Overview       | <a href="#">Consumer USB Products</a>     |
| Product Name   | USB 2.0                                   |
| Type           | Micro-B                                   |
| UPC            | 822350728454                              |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Circuits (Loaded)              | 5                              |
| Circuits (maximum)             | 5                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 10000                          |
| Gender                         | Receptacle                     |
| 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                     | 0.321/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°C to +85°C                 |
| Termination Interface: Style   | N/A                            |
| Waterproof / Dustproof         | No                             |

**Electrical**

|                               |              |
|-------------------------------|--------------|
| Current - Maximum per Contact | 1.8A, 1.0A   |
| Grounding to Panel            | Yes          |
| Shield Type                   | Full Shield  |
| Shielded                      | Yes          |
| Voltage - Maximum             | 30V AC (RMS) |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[47491 Series](#)

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 020    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 245    |

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

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-47491-001     |
| Product Specification   | PS-47642-001-001 |
| Sales Drawing           | SD-47491-001     |

This document was generated on 08/03/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**