

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0476420001](#)

Status: **Active**

Overview:

Description: 0.65mm (.026") Pitch Micro-USB B Receptacle, Mid-Mount, SMT, with Through Hole Solder Tab, Gold (Au) Flash Plating, without Mylar, Lead Free

Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-47642-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

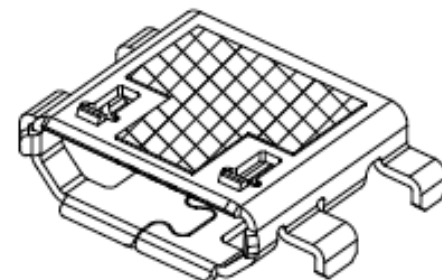
Product Family	I/O Connectors
Series	47642
Application	Wire-to-Board
Comments	Mid Mount Type
Component Type	Receptacle
Overview	Micro USB
Product Name	Micro-USB
Type	B

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 (in)	0.026 In
Pitch - Mating Interface (mm)	0.65 mm
Pitch - Term. Interface (in)	0.026 In
Pitch - Term. Interface (mm)	0.65 mm
Plating min: Mating (µin)	2
Plating min: Mating (µm)	0.05
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
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
Wire Size AWG	N/A

Electrical

Current - Maximum	1.8A
-------------------	------



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



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

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

Search Parts in this Series

[47642 Series](#)

Mates With

[68784 Micro-USB Cable Plugs](#)

Current - Maximum	1A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	100V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	2
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

Material Info**Reference - Drawing Numbers**

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

This document was generated on 11/18/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION