

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0476420001](#)

Status: **Active**

Overview:

Description: Micro-USB B Receptacle, Mid-Mount, with Through Hole Solder Tab, Gold (Au) Flash Plating, without Mylar, Lead-Free

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
 Product Name USB
 Standard USB 2.0
 Taxonomy I/O Connectors
 Type Micro-B
 UPC 883906099435

Physical

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
 Mounting Style Mid-Mount
 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
 Shield Type Full Shield
 Shielded Yes
 Voltage - Maximum 30V AC (RMS)

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

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](#)

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-47642-001-001, EE-47642-002-001
Packaging Specification	PK-47642-001-001
Product Specification	PS-47642-001-001
Sales Drawing	SD-47642-001-001

This document was generated on 09/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION