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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

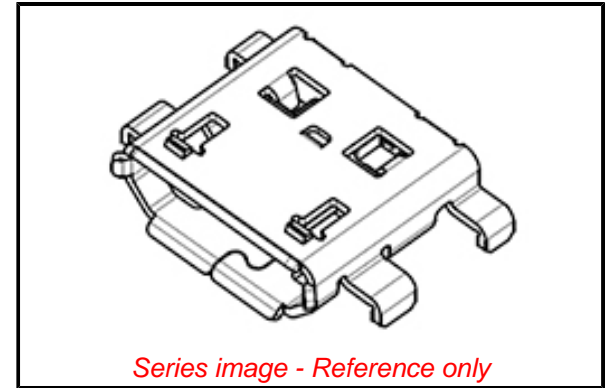
Product Family I/O Connectors
Series [47642](#)
Application Wire-to-Board
Comments Signal contacts 1.0A, Power contacts 1.8A
Component Type Receptacle
Overview [USB Products and Solutions](#)
Product Name USB
Standard USB 2.0
Type Micro-B
UPC 883906099435

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

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