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Part Number: [0480370001](#)

Status: **Active**

Overview: [USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles](#)

Description: [Universal Serial Bus \(USB\) Shielded I/O Plug, Type A, Right-Angle, Through Hole, 0.76µm Gold \(Au\) Plating, PCB Thickness 1.20mm-1.60mm, Lead-Free](#)

Documents:

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification TS-48037-001-001 \(PDF\)](#)

[Packaging Specification PK-48037-001-001 \(PDF\)](#)

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

General

Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
Overview	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Type	A
UPC	822348121014

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Top-Mount
Net Weight	2.300/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.60mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	2.00mm, 2.50mm
Pitch - Termination Interface	2.00mm, 2.50mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A
Shield Type	Full Shield



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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

[48037 Series](#)

Mates With

[USB Type A Receptacle](#)

Shielded
Voltage - Maximum

Yes
150V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-48037-001-001
TS-48037-001-001
SD-48037-001-001

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