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**Part Number:** [0480372200](#)  
**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, Surface Mount, Straight Tab 3.80mm, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification TS-48037-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-48037-210-002 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-48037-001-001 (PDF)</a>	

**General**

Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Comments	Straight Tab 3.80mm
Component Type	Plug
Overview	<a href="#">USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles</a>
Product Name	USB
Standard	USB 2.0
Taxonomy	I/O Connectors
Type	A
UPC	822350623230

**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	2.020/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
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)	Yes
Temperature Range - Operating	-20° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No



*Series image - Reference only*

**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**

[48037 Series](#)

**Mates With**

USB Type A Receptacle

**Electrical**

Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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

Electrical Model Document	EE-48204-001-001, EE-67329-001-001
Packaging Specification	PK-48037-210-002
Product Specification	PS-48037-001-001, TS-48037-001-001
Sales Drawing	SD-48037-004-001

This document was generated on 12/05/2022

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