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**Part Number:** [0480371000](#)  
**Status:** **Active**  
**Description:** Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Surface Mount, 0.76µm (30µ") Gold (Au) Plating, PCB Thickness 1.20mm (.047") to 1.60mm (.063"), Tray Package, Lead Free

**Documents:**

[3D Model](#) [Product Specification PS-48037-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

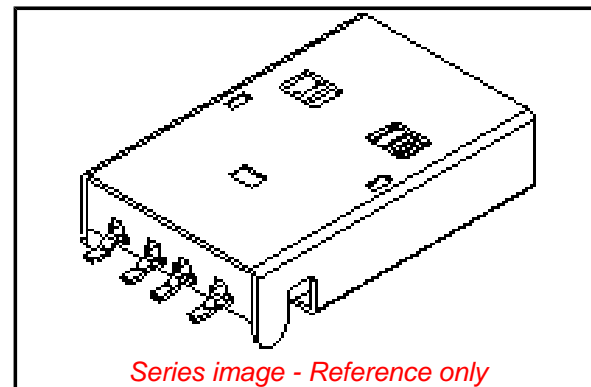
Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
Product Name	USB
Type	A

**Physical**

Boot Color	N/A
Circuits (Loaded)	4
Circuits (maximum)	4
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.045 In
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.20 mm
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface (in)	0.078 In
Pitch - Mating Interface (in)	0.098 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Mating Interface (mm)	2.50 mm
Pitch - Term. Interface (in)	0.078 In
Pitch - Term. Interface (in)	0.098 In
Pitch - Term. Interface (mm)	2.00 mm
Pitch - Term. Interface (mm)	2.50 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
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

**Electrical**

Current - Maximum	1.5A
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*Series image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status**

**China RoHS**



**Not Halogen-Free**

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environmental compliance?**

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Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[48037 Series](#)

**Mates With**

USB Type A Receptacle

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-48037-001
Sales Drawing	SD-48037-002

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