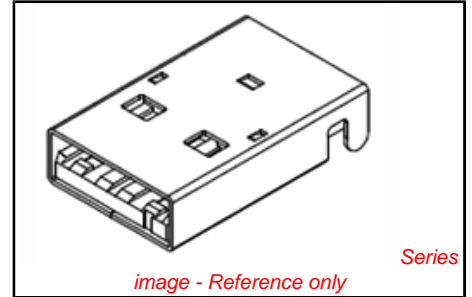


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**Part Number:** [0480372200](#)  
**Status:** **Active**  
**Overview:** [usb](#)  
**Description:** Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Surface Mount, Straight Tab 3.80mm (.150") , 0.76µm (30µ") Gold (Au) Plating, PCB Thickness 1.60mm (.063"), Tape on Reel 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
Comments	Straight Tab 3.80mm (.150")
Component Type	Plug
Overview	usb
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	1.60mm (.063")
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	2.00mm (.079"), 2.50mm (.098")
Pitch - Termination Interface	2.00mm (.079"), 2.50mm (.098")
Plating min - Mating	0.762µm (30µ")
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 per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
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<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>          Not Reviewed</p>	<p><b>China RoHS</b></p>
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**  
[48037Series](#)

**Mates With**  
 USB Type A Receptacle

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

Reflow Capable (SMT only)  
1  
260

#### **Material Info**

#### **Reference - Drawing Numbers**

Packaging Specification	PK-48037-210
Product Specification	PS-48037-001
Sales Drawing	SD-48037-004

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