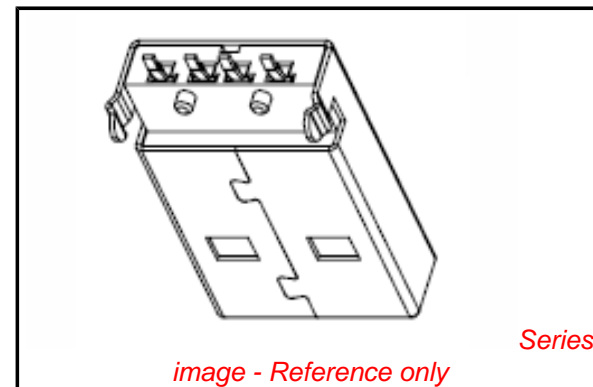


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**Part Number:** [48037-1000](#)  
**Status:** **Active**  
**Overview:** [Consumer USB Products](#)  
**Description:** Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, PCB Thickness 1.20mm-1.60mm, Tray Package, Lead-Free

**Documents:**

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



*image - Reference only*

**General**

Product Family	I/O Connectors
Series	<a href="#">48037</a>
Application	Wire-to-Board
Component Type	Plug
MolexKits	Yes
Overview	<a href="#">Consumer USB Products</a>
Product Name	USB
Type	A
UPC	822348097975

**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
Net Weight	2.300/g
Number of Rows	1
Orientation	Right Angle
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)	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)

**EU RoHS**

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

**China RoHS**



**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

## Material Info

### Reference - Drawing Numbers

Packaging Specification	PK-48037-001
Product Specification	PS-48037-001
Sales Drawing	SD-48037-002
Test Summary	TS-48037-001

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