

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [48037-1000](#)
Status: **Active**
Overview: [USB](#)
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:

3D Model	Packaging Specification PK-48037-001 (PDF)
Drawing (PDF)	Test Summary TS-48037-001 (PDF)
Product Specification PS-48037-001 (PDF)	RoHS Certificate of Compliance (PDF)

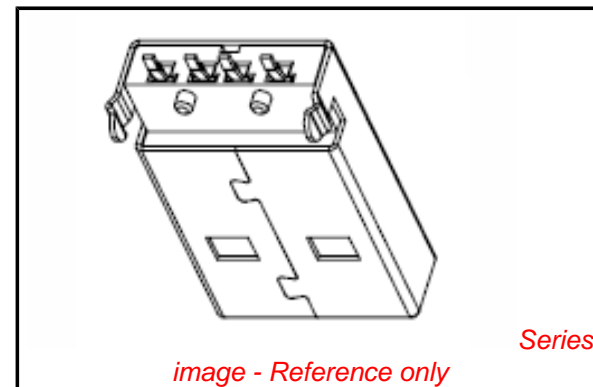


image - Reference only

General

Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
MolexKits	Yes
Overview	USB
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
Not Reviewed**

China RoHS



**Need more information on product
environmental compliance?**

Email 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

This document was generated on 04/12/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION