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Part Number: **0480370001**
Status: **Active**
Overview: Consumer USB Products
Description: Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Through Hole, 0.76µm Gold (Au) Plating, PCB Thickness 1.20mm-1.60mm, Lead-Free

Documents:

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

General

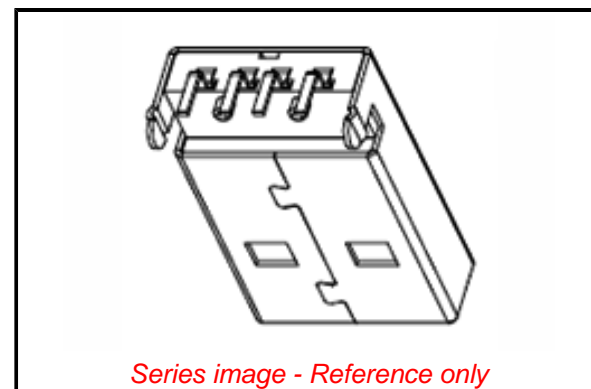
Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
MolexKits	Yes
Overview	Consumer USB Products
Product Name	USB 2.0
Type	A
UPC	822348121014

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
PC Tail Length	2.40mm
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)	No
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[48037 Series](#)

Mates With

USB Type A Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-48037-001

PS-48037-001-001, TS-48037-001-001

SD-48037-001

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