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Part Number: **0480372000**
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, Tape on Reel Package, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-48037-200 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	48037
Application	Wire-to-Board
Component Type	Plug
Overview	Consumer USB Products
Product Name	USB 2.0
Type	A
UPC	822348720859

Physical

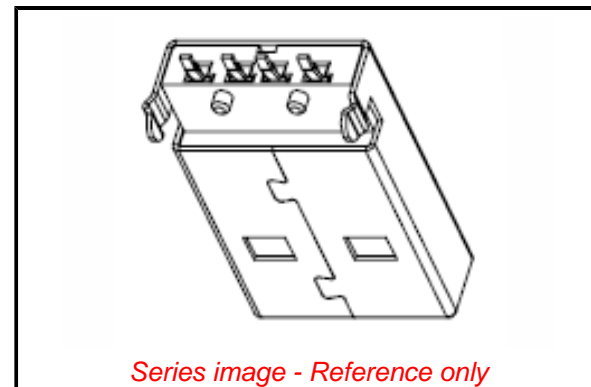
Boot Color	N/A
Circuits (Loaded)	4
Circuits (maximum)	4
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	2.300/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.60mm
Packaging Type	Embossed Tape on Reel
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)

Solder Process Data

Max. Cycles at Max. Process Temperature	010
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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

Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-48037-200
Sales Drawing SD-48037-002

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