



Part Number : [480370001](#)

Product 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

Series Number : 48037

Status : Active

Product Category : I/O Connectors

Documents & Resources

Drawings

[Drawing 480370001_sd.pdf](#)

[Packaging Design Drawing PK-48037-001-001.pdf](#)

3D Models and Design Files

[3D Model 480370001_stp.zip](#)


Specifications

[Product Specification PS-48037-001-001.pdf](#)

[Product Specification TS-48037-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	I/O Connectors
Series	48037
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
Application	Wire-to-Board
Component Type	Plug
Product Family	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Type	A
UPC	822348121014

Electrical

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

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Top-Mount
Net Weight	2.300/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	Yes
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.60mm
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
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	USB Type A Receptacle