Part Number : 480372200

Product Description : Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right-Angle, Surface Mount, Straight Tab 3.80mm, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free

Series Number : 48037

Status : Active

Product Category : I/O Connectors

Documents & Resources

Drawings
Drawing 480372200_sd.pdf
Packaging Design Drawing PK-48037-210-002.pdf

3D Models and Design Files
3D Model 480372200_stp.zip
Electrical Model Document EE-48204-001-001.pdf
Electrical Model Document EE-67329-001-001.pdf

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	(e symbol)
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, Surface Mount, Straight Tab 3.80mm, 0.76μm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free
Application	Wire-to-Board
Comments	Straight Tab 3.80mm
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	822350623230

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	2.020/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	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	Surface Mount
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	USB Type A Receptacle

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