



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 |  |
| 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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