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Part Number: [0480372100](#)
Status: **Active**
Overview: USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Description: Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right-Angle, Surface Mount, Straight Tab 4.80mm, 0.76µm Gold (Au) Plating, PCB Thickness 1.60mm, Tape on Reel Package, Lead-Free

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification TS-48037-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-48037-210-002 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|--|
| Product Family | I/O Connectors |
| Series | 48037 |
| Application | Wire-to-Board |
| Comments | Straight Tab 4.80mm |
| Component Type | Plug |
| Overview | 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 | 822350302760 |

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 | 1.908/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 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° to +85°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | No |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
|-------------------------------|------|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

48037 Series

Mates With

USB Type A Receptacle

| | |
|-------------------|---------------|
| Shield Type | Full Shield |
| Shielded | Yes |
| Voltage - Maximum | 150V AC (RMS) |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------|
| Packaging Specification | PK-48037-210-002 |
| Product Specification | TS-48037-001-001 |
| Sales Drawing | SD-48037-003-001 |

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