

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0480372000**
Status: **Active**
Description: Universal Serial Bus (USB) Shielded I/O Plug, Type A, Right Angle, Surface Mount, 0.76µm (30µ") Gold (Au) Plating, PCB Thickness 1.20mm (.047") to 1.60mm (.063"), Tape on Reel Package, Lead Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

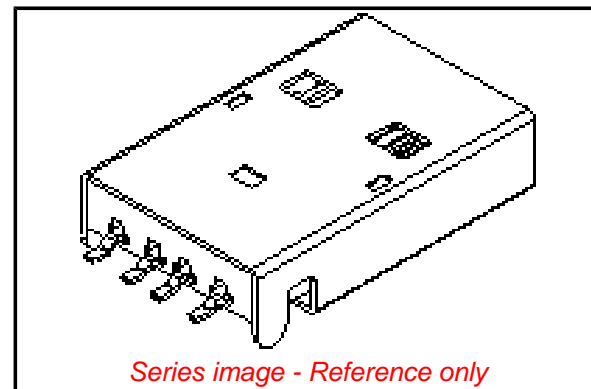
| | |
|----------------|----------------|
| Product Family | I/O Connectors |
| Series | 48037 |
| Application | Wire-to-Board |
| Component Type | Plug |
| Product Name | USB |
| Type | A |

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 |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness Recommended (in) | 0.045 In |
| PCB Thickness Recommended (in) | 0.062 In |
| PCB Thickness Recommended (mm) | 1.20 mm |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | Yes |
| Pitch - Mating Interface (in) | 0.078 In |
| Pitch - Mating Interface (in) | 0.098 In |
| Pitch - Mating Interface (mm) | 2.00 mm |
| Pitch - Mating Interface (mm) | 2.50 mm |
| Pitch - Term. Interface (in) | 0.078 In |
| Pitch - Term. Interface (in) | 0.098 In |
| Pitch - Term. Interface (mm) | 2.00 mm |
| Pitch - Term. Interface (mm) | 2.50 mm |
| Plating min: Mating (µin) | 30 |
| Plating min: Mating (µm) | 0.76 |
| 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 | 1.5A |
|-------------------|------|



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
**Halogen-Free
Status**

China RoHS



Not Reviewed

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

48037 Series

Mates With

USB Type A Receptacle

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

Solder Process Data

| | |
|---|-----|
| Max. Cycles at Max. Process Temperature | 10 |
| Process Temperature max. C | 260 |

Material Info

Reference - Drawing Numbers

| | |
|---------------|--------------|
| Sales Drawing | SD-48037-002 |
|---------------|--------------|

This document was generated on 11/18/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION