



**Part Number :** [482040001](#)

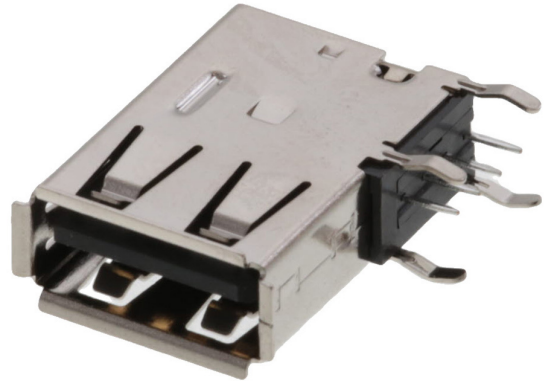
**Product Description :** Universal Serial Bus (USB) Shielded I/O Receptacle, Type A Upright Right-Angle, Reverse Type, Solder Tail Length 2.90mm, 3.70mm Beveled Metal Pins, PCB Thickness 1.60mm, 0.76µm Gold (Au) Plating, Lead-Free

**Series Number :** 48204

**Status :** Active

**Product Category :** I/O Connectors

**Engineering Number :** NT501-5121



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## Documents & Resources

### Drawings

[Drawing 482040001\\_sd.pdf](#)

[Packaging Design Drawing PK-48204-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 482040001\\_stp.zip](#)

[Electrical Model Document EE-48204-001-001.pdf](#)

### Specifications

[Product Specification PS-48204-001-001.pdf](#)

[Test Summary TS-48204-001-001.pdf](#)

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## 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

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## Part Details

### General

Status	Active
Category	I/O Connectors
Series	48204
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type A Upright Right-Angle, Reverse Type, Solder Tail Length 2.90mm, 3.70mm Beveled Metal Pins, PCB Thickness 1.60mm, 0.76µm Gold (Au) Plating, Lead-Free
Application	Wire-to-Board
Comments	Reverse Mount Type, Beveled Metal Pin Length: 3.70mm
Component Type	Receptacle
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	822348794614

### Electrical

Current - Maximum per Contact	1.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

## Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Upright
Net Weight	2.678/g
Number of Rows	4
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	No
PC Tail Length	2.90mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	N/A
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

## Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	265

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	USB Type A Plug

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This document was generated on Sep 20, 2024