**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



## Documents & Resources

### Drawings

482040001_sd.pdf

PK-48204-001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

EE-48204-001-001.pdf

### Specifications

PS-48204-001-001.pdf

TS-48204-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC |

| | |
|---|---|
| | (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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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 Name | USB |
| Standard | USB 2.0 |
| Type | A |
| UPC | 822348794614 |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 1.5A |
| Shielded | Yes |
| Shield Type | Full Shield |
| 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 |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.90mm |
| 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 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | USB Type A Plug |