**Part Number :** 484090003
**Product Description :** Universal Serial Bus (USB 3.0) I/O Receptacle, Dual Port Stacked, Vertical, Type A, High-Temperature Blue Nylon, 0.38µm Gold (Au) Plating
**Series Number :** 48409
**Status :** Not Recommended For New Design
**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

484090003_sd.pdf

PK-48409-001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-48409-001-001.pdf

TS-48409-001-001.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 | Not Recommended For New Design |
| Category | I/O Connectors |
| Series | 48409 |
| Description | Universal Serial Bus (USB 3.0) I/O Receptacle, Dual Port Stacked, Vertical, Type A, High-Temperature Blue Nylon, 0.38µm Gold (Au) Plating |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | USB |
| Standard | USB 3.0 |
| Type | A |
| UPC | 887191519180 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.8A |
| Grounding to Panel | Yes |
| Voltage - Maximum | 30V AC/DC |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Blue |
| Durability (mating cycles max) | 5000 |
| Gender | Female |
| Keying to Mating Part | Yes |
| Lock to Mating Part | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Nickel, Tin |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Vertical |
| Net Weight | 4.160/g |
| Number of Rows | 4 |
| Orientation | Vertical |
| Packaging Type | Tray |
| Panel Mount | No |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PC Tail Length | 3.00mm |
| Pitch - Mating Interface | 2.00mm, 2.50mm |
| Pitch - Termination Interface | 2.00mm, 2.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 2 |
| Temperature Range - Operating | -20° to +85°C |
| Termination Interface Style | Through Hole |
| Waterproof / Dustproof | No |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 5 |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 2 |
| Max-Temp | 260 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
| --- | --- |
| Mates With | USB 3.0 Type A Plug |