



Part Number : [670689001](#)

Product Description : Universal Serial Bus (USB) Shielded I/O Type B Receptacle, Right-Angle, with Kinked Solder Tabs, Color White, 0.76µm Gold (Au)Plating, Tray Pack, Lead-Free

Series Number : 67068

Status : Active

Product Category : I/O Connectors

Engineering Number : 67068-1001



Documents & Resources

Drawings

[Drawing 670689001_sd.pdf](#)

[Packaging Design Drawing PK-67068-001-001.pdf](#)

3D Models and Design Files

[3D Model 670689001_stp.zip](#)

Specifications

[Product Specification PS-67998-0000-001.pdf](#)

[Test Summary TS-67068-001-001.pdf](#)

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

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | I/O Connectors |
| Series | 67068 |
| Description | Universal Serial Bus (USB) Shielded I/O Type B Receptacle, Right-Angle, with Kinked Solder Tabs, Color White, 0.76µm Gold (Au)Plating, Tray Pack, Lead-Free |
| Application | Wire-to-Board |
| Comments | Single |
| 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 | B |
| UPC | 822348723058 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 1.5A |
| Shield Type | Full Shield |
| Shielded | Yes |

| | |
|-------------------|-----------|
| Voltage - Maximum | 30V (RMS) |
|-------------------|-----------|

Physical

| | |
|--------------------------------|--------------|
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | White |
| Flammability | 94V-0 |
| Gender | Female |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Mounting Style | Top-Mount |
| Net Weight | 3.124/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| Panel Mount | No |
| PC Tail Length | 2.80mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | 0° to +50°C |
| Termination Interface Style | Through Hole |
| Waterproof / Dustproof | No |
| Wire Size (AWG) | N/A |

Solder Process Data

| | |
|--------------|---|
| Max-Duration | 5 |
|--------------|---|

| | |
|------------------------------|--------|
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

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