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**Part Number:** [0670688001](#)  
**Status:** **Active**  
**Overview:** USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles  
**Description:** Universal Serial Bus (USB) Shielded I/O Type B Receptacle, Right-Angle, with Kinked Solder Tabs, Color Black, 0.76µm Gold (Au) Plating, Tray Pack, Lead-Free

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification PK-67068-001-001 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Test Summary TS-67068-001-001 (PDF)</a>            |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-67998-0000-001 (PDF)</a> |  |



**Agency Certification**

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

**General**

|                |  |
|----------------|--|
| Product Family | I/O Connectors   |
| Series         | <a href="#">67068</a>  |
| Application    | Wire-to-Board  |
| Comments       | Single   |
| Component Type | Receptacle   |
| Overview       | <a href="#">USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles</a> |
| Product Name   | USB  |
| Standard       | USB 2.0  |
| Taxonomy       | I/O Connectors   |
| Type           | B  |
| UPC            | 822348721580   |

**Physical**

|                                |             |
|--------------------------------|-------------|
| Circuits (Loaded)              | 4           |
| Circuits (maximum)             | 4           |
| Color - Resin                  | Black       |
| 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 |
| PC Tail Length                 | 2.80mm      |
| PCB Locator                    | Yes         |
| PCB Retention                  | Yes         |
| PCB Thickness - Recommended    | 1.60mm      |
| Packaging Type                 | Tray        |
| Panel Mount                    | No          |
| 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           |
| Surface Mount Compatible (SMC) | Yes         |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
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**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[67068 Series](#)

**Mates With**

USB Type B Plug

|                               |              |
|-------------------------------|--------------|
| Temperature Range - Operating | 0° to +50°C  |
| Termination Interface: Style  | Through Hole |
| Waterproof / Dustproof        | No           |
| Wire Size AWG                 | N/A          |

**Electrical**

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

**Solder Process Data**

|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-free Process Capability                   | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 260  |

**Material Info****Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | PK-67068-001-001   |
| Product Specification   | PS-67998-0000-001  |
| Sales Drawing           | SD-67068-003-001, SD-67068-003-002,<br>SD-67068-003-003, SD-67068-003-004,<br>SD-67068-004-001 |
| Test Summary            | TS-67068-001-001   |

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