



**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



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## Documents & Resources

### Drawings

[670689001\\_sd.pdf](#)

[PK-67068-001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


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

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

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## 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	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 Name	USB
Standard	USB 2.0
Type	B
UPC	822348723058

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Shield Type	Full Shield
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
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.80mm
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	USB Type B Plug

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