



**Part Number :** [676430910](#)  
**Product Description :** Universal Serial Bus (USB)  
Shielded I/O Receptacle, Right-Angle, Type A, Black Polyester, Gold (Au) Flash, PCB Thickness 1.60mm, without Upper Flange, Lead-Free  
**Series Number :** 67643  
**Status :** Active  
**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

[676430910 sd.pdf](#)  
[PK-67643-002-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

### Specifications

[PS-67643-003-001.pdf](#)  
[TS-67643-003-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 34; 33                                                                              |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not 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

---

## Part Details

### General

|                |                                                                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                           |
| Category       | I/O Connectors                                                                                                                                                   |
| Series         | 67643                                                                                                                                                            |
| Description    | Universal Serial Bus (USB) Shielded I/O Receptacle, Right-Angle, Type A, Black Polyester, Gold (Au) Flash, PCB Thickness 1.60mm, without Upper Flange, Lead-Free |
| Application    | Wire-to-Board                                                                                                                                                    |
| Comments       | Without Upper Flange, Not for IR Reflow Process                                                                                                                  |
| Component Type | Receptacle                                                                                                                                                       |
| Product Name   | USB                                                                                                                                                              |
| Standard       | USB 2.0                                                                                                                                                          |
| Type           | A                                                                                                                                                                |
| UPC            | 822350071598                                                                                                                                                     |

### Electrical

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

|                   |        |
|-------------------|--------|
| Voltage - Maximum | 30V DC |
|-------------------|--------|

## Physical

|                                |                |
|--------------------------------|----------------|
| Circuits (Loaded)              | 4              |
| Circuits (maximum)             | 4              |
| Color - Resin                  | Black          |
| Gender                         | Female         |
| Keying to Mating Part          | Yes            |
| Lock to Mating Part            | Yes            |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Tin            |
| Mounting Style                 | Top-Mount      |
| Net Weight                     | 1.860/g        |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| Packaging Type                 | Tray           |
| Panel Mount                    | Yes            |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| PC Tail Length                 | 2.60mm         |
| Pitch - Mating Interface       | 2.00mm, 2.50mm |
| Pitch - Termination Interface  | 2.00mm, 2.50mm |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Ports                          | 1              |
| Temperature Range - Operating  | -40° to +85°C  |
| Termination Interface Style    | Through Hole   |
| Waterproof / Dustproof         | No             |

## Solder Process Data

|                              |      |
|------------------------------|------|
| Lead-Free Process Capability | WAVE |
|------------------------------|------|

---

## Mates With / Use With

**Mates with Part(s)**

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