



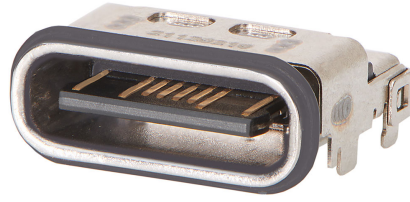
Part Number : [2036150003](#)

Product Description : Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, 16 Pin, Right-Angle, Top Mount, Surface Mount, Waterproof

Series Number : 203615

Status : Active

Product Category : I/O Connectors



Documents & Resources

Drawings

[2036150003_sd.pdf](#)

[2036150003-PK0.pdf](#)

3D Models and Design Files

[2036150003_stp.zip](#)

Specifications

[2036150002-000.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 Reviewed per D(2023)8585-DC (23 Jan 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 | 203615 |
| Description | Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, 16 Pin, Right-Angle, Top Mount, Surface Mount, Waterproof |
| Application | Wire-to-Board |
| Component Type | Receptacle |
| Product Name | USB |
| Standard | USB 2.0 |
| Type | C |
| UPC | 195842208308 |

Electrical

| | |
|-------------------------------|-------------|
| Current - Maximum per Contact | 5.0A |
| Grounding to Panel | None |
| Shield Type | Full Shield |
| Shielded | Yes |
| Voltage - Maximum | 30V AC/DC |

Physical

| | |
|-----------------------|--------------|
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Gender | Female |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |

| | |
|--------------------------------|--------------------------------|
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Mounting Style | Top-Mount |
| Net Weight | 0.511/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | Yes |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 0.80mm |
| Pitch - Mating Interface | 0.50mm |
| Pitch - Termination Interface | 0.50mm |
| Polarized to Mating Part | No |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface Style | Surface Mount |
| Waterproof / Dustproof | Yes |
| Waterproof / Dustproof Type | IPx8 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------------------------|---------------|
| USB Shielded I/O Type C Plugs | <u>105444</u> |