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**Part Number:** [2036150003](#)  
**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 Receptacle, Type C, 16 Pin, Right-Angle, Top Mount, Surface Mount, Waterproof

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification 2036150002-000 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification 2036150003-PK0 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**General**

|                |  |
|----------------|--|
| Product Family | I/O Connectors   |
| Series         | <a href="#">203615</a>   |
| Application    | Wire-to-Board  |
| 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           | C  |
| UPC            | 195842208308   |

**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                    |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 0.80mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | Yes                            |
| Pitch - Mating Interface       | 0.50mm                         |
| Pitch - Termination Interface  | 0.50mm                         |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface: Style   | Surface Mount                  |
| Waterproof / Dustproof         | Yes                            |
| Waterproof / Dustproof Type    | IPx8                           |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| Grounding to Panel            | None |



**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[203615 Series](#)

|                   |             |
|-------------------|-------------|
| Shield Type       | Full Shield |
| Shielded          | Yes         |
| Voltage - Maximum | 30V AC/DC   |

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | 2036150003-PK0 |
| Product Specification   | 2036150002-000 |
| Sales Drawing           | 2036150003-000 |

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