



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 and Resources

Drawings

[2036150003_sd.pdf](#)
[2036150003-PK0.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[2036150002-000.pdf](#)

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)7771-DC (04 Feb 2026)
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	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
IEC Compliance	62680-1-3:2022, 62680-1-2:2022
Product Name	USB
Standard	USB 2.0
Type	C
UPC	195842208308
USB-IF/TID	7657

Electrical

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

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Gender	Female
Keying to Mating Part	No
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>

This document was generated on Jul 07, 2026