



Part Number : [2024100002](#)
Product Description : Universal Serial Bus (USB)
Shielded I/O Receptacle, Type C, Right-Angle, Mid-Mount, Surface Mount, 0.75µm Gold (Au) Plating, Waterproof
Series Number : 202410
Status : Active
Product Category : I/O Connectors



Documents and Resources

Drawings

[2024100002 sd.pdf](#)
[2024100007-000.pdf](#)

3D Models and Design Files

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

Specifications

[2024100002-000.pdf](#)
[2024100002-001.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	Contains tris(2-methoxyethoxy)vinylsilane per D(2025)7771-DC (04 Feb 2026) SCIP:ce97bdb7-2d45-4454-b653-d2b09ceb7ab9
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	202410
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Mid-Mount, Surface Mount, 0.75µm Gold (Au) Plating, Waterproof
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 3.2 Gen 1
Type	C
UPC	191128199919

Electrical

Current - Maximum per Contact	6.0A, See Product Specification
Grounding to Panel	None
Shielded	Yes
Shield Type	Full Shield

Voltage - Maximum	30V AC
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Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Female
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Mounting Style	Mid-Mount
Net Weight	0.482/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	0.60mm, 0.70mm
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.750µm
Plating min - Termination	0.025µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Ports	1
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>

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