



Part Number : [2171830001](#)
Product Description : Universal Serial Bus (USB)
Shielded I/O Receptacle, Type C, Right-Angle, Hybrid,
Top Mount, 1.20mm Tab, Gold (Au) Plating
Series Number : 217183
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

[2171830001_sd.pdf](#)
[2171830001-PK1.pdf](#)

3D Models and Design Files

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

Specifications

[2169900001-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33
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)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	217183
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Hybrid, Top Mount, 1.20mm Tab, Gold (Au) Plating
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 3.2 Gen 1
Type	C
UPC	195842116924

Electrical

Current - Maximum per Contact	0.25A,1.25A,5.0A, See Product Specification
Grounding to Panel	None
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	30V AC/DC

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Mounting Style	Top-Mount
Net Weight	0.672/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
Plating min - Mating	0.025µm
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	Through Hole
Waterproof / Dustproof	No

Mates With / Use With

Mates with Part(s)

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