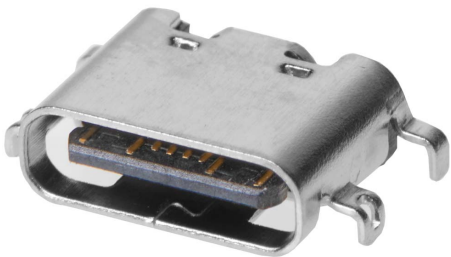




**Part Number :** [2169900003](#)  
**Product Description :** Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Surface Mount, Mid-Mount, Center Height 0.58mm, Single Row, 16 Circuits, Gold (Au) Plating  
**Series Number :** 216990  
**Status :** Active  
**Product Category :** I/O Connectors



Documents & Resources


**Drawings**  
[Drawing 2169900003\\_sd.pdf](#)  
[Packaging Design Drawing 2169900003-PK1.pdf](#)

**3D Models and Design Files**  
[3D Model 2169900003\\_stp.zip](#)

**Specifications**  
[Product Specification 2169900001-PS.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 Contained per D(2023)3788-DC (14 Jun 2023)
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

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### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	216990
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Surface Mount, Mid-Mount, Center Height 0.58mm, Single Row, 16 Circuits, Gold (Au) Plating
Application	Wire-to-Board
Component Type	Receptacle
Product Family	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Type	C
UPC	195842116894

#### Electrical

Current - Maximum per Contact	1.25A
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
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 - Resin	Nylon
Mounting Style	Mid-Mount
Net Weight	0.384/g
Number of Rows	1
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
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

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## Mates With / Use With

### Mates with Part(s)

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