



**Part Number :** [2130830005](#)

**Product Description :** Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Top Mount, Single Row, Surface Mount, Gold (Au) Plating, Waterproof

**Series Number :** 213083

**Status :** Active

**Product Category :** I/O Connectors



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## Documents & Resources

### Drawings

[Drawing 2130830005\\_sd.pdf](#)

[Packaging Design Drawing 2130830005-PK0.pdf](#)

### 3D Models and Design Files

[3D Model 2130830005\\_stp.zip](#)

### Specifications

[Application Specification 2130830005AS-000.pdf](#)

[Product Specification 2130830001-000.pdf](#)

[Test Summary 2130830005TS-000.pdf](#)

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## 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	213083
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Top Mount, Single Row, Surface Mount, Gold (Au) Plating, Waterproof
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	193264522279

### Electrical

Current - Maximum per Contact	5.0A
Grounding to Panel	None
Shield Type	Full Shield
Shielded	No
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	Top-Mount
Net Weight	0.501/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	0.762µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IPx8

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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>