

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2171830001](#)  
**Status:** **Active**  
**Overview:** USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles  
**Description:** Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Hybrid, Top Mount, 24 Circuits, Gold (Au) Plating

**Documents:**

[3D Model](#) [Packaging Specification 2171830001-PK1 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 2169900001-PS \(PDF\)](#)



**General**

Product Family	I/O Connectors
Series	<a href="#">217183</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles</a>
Product Name	USB
Standard	USB 3.2
Type	C
UPC	195842116924

**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 - Resin	Nylon
Mounting Style	Top-Mount
Net Weight	0.672/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	0.80mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.025µm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.25A
Grounding to Panel	None

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[217183 Series](#)

**Mates With**

USB Type C Plug/Cable

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	2171830001-PK1
Product Specification	2169900001-PS
Sales Drawing	2171830001-000

This document was generated on 01/07/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**