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Part Number: [2171760001](#)
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, Surface Mount, Top Mount, Waterproof IPx5, 6 Circuits, Gold (Au) Plating

Documents:

[3D Model](#) [Packaging Specification 2171760001-PK1 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2171760001-PS \(PDF\)](#)



General

Product Family	I/O Connectors
Series	217176
Application	Wire-to-Board
Component Type	Receptacle
Overview	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	195842116825

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
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	Liquid Crystal Polymer
Mounting Style	Top-Mount
Net Weight	0.776/g
Number of Rows	1
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	Surface Mount
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IPx5

Electrical

Current - Maximum per Contact	1.25A
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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

[217176 Series](#)

Mates With

USB Type C Plug/Cable

Grounding to Panel	None
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	2171760001-PK1
Product Specification	2171760001-PS
Sales Drawing	2171760001-000

This document was generated on 01/07/2022

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