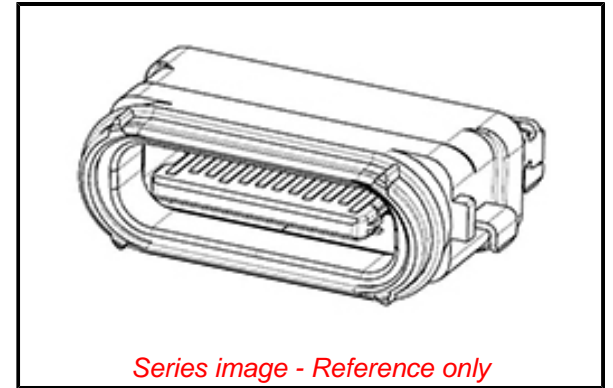


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Part Number: [2024100002](#)
Status: **Active**
Overview: [USB Products and Solutions](#)
Description: Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Mid-Mount, Surface Mount, 0.75µm Gold (Au) Plating, Waterproof

Documents:

3D Model	Packaging Specification 2024100007-000 (PDF)
Drawing (PDF)	Test Summary 2024100002-001 (PDF)
Product Specification 2024100002-000 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	I/O Connectors
Series	202410
Application	Wire-to-Board
Component Type	Receptacle
Overview	USB Products and Solutions
Product Name	USB 3.1
Type	C
UPC	191128199919

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	High Temperature Thermoplastic
Net Weight	0.482/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.60mm, 0.70mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.750µm
Plating min - Termination	0.025µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	Yes

Electrical

Current - Maximum per Contact	6.0A, See Product Specification
Grounding to Panel	None
Shield Type	Full Shield

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

[202410 Series](#)

Mates With

USB Type C Plug/Cable

Shielded	Yes
Voltage - Maximum	30V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	2024100007-000
Product Specification	2024100002-000
Sales Drawing	2024100001-000
Test Summary	2024100002-001

This document was generated on 01/18/2019

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