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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



Series image - Reference only

- Documents:
- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 2024100002-000 (PDF)

Packaging Specification 2024100007-000 (PDF)

Test Summary 2024100002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

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

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

202410 Series

Mates With

USB Type C Plug/Cable

Shield Type	Full Shield
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

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