

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2024100002

Status:

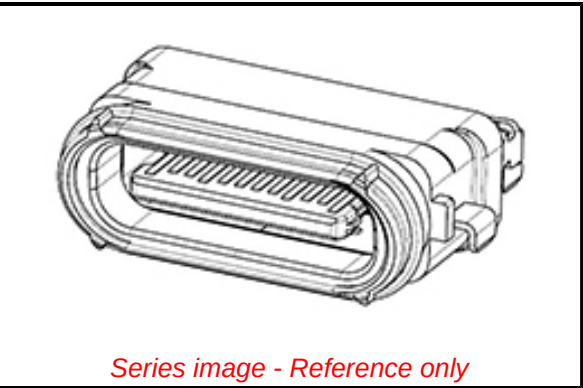
Active

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:

- [Drawing \(PDF\)](#)
- [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
Shield Type	Full Shield

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

202410 Series

Mates With

USB Type C Plug/Cable

Shielded
Voltage - Maximum

Yes
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 07/24/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION