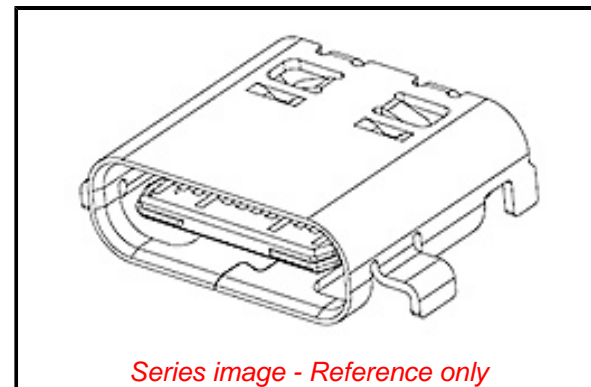


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Part Number: [1054550101](#)
Status: **Active**
Overview: USB Products and Solutions
Description: Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Mid-Mount, Surface Mount, Gold (Au) Flash over 0.75µm Palladium Nickel Plating, 0.70mm Solder Tab

Documents:

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification PS-105448-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-105455-001-000 \(PDF\)](#)



Series image - Reference only

General

Product Family	I/O Connectors
Series	105455
Application	Wire-to-Board
Component Type	Receptacle
Overview	USB Products and Solutions
Product Name	USB 3.1
Type	C
UPC	889056733250

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 over Palladium Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.530/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.60mm, 0.70mm, 0.80mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.051µm (Au), 0.750µm (PdNi)
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-30° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.25A, 1.25A, 5.0A, See Product Specification
Grounding to Panel	None
Shield Type	Full Shield

EU ELV

Not Relevant

EU RoHS

Compliant

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

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105455 Series](#)

Mates With

USB Type C Plug/Cable

Shielded
Voltage - Maximum

Yes
30V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-105455-001-000
PS-105448-001-001
SD-105455-001-001

This document was generated on 07/16/2020

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