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Part Number:

1054500101

Status:

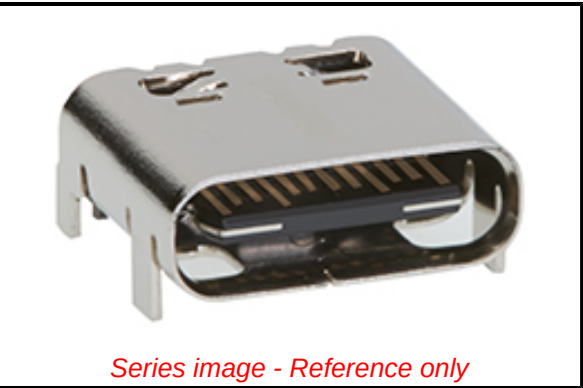
Active

Overview:

USB Products and Solutions

Description:

Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Right-Angle, Top Mount, Surface Mount, Gold (Au) Flash over 0.76µm Palladium Nickel Plating



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-105448-001-001 (PDF)

Packaging Specification PK-105450-001-000 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	105450
Application	Wire-to-Board
Comments	Nickel underplating, Nickel underplating
Component Type	Receptacle
Datasheet Order No	987651-4081
Overview	USB Products and Solutions
Product Name	USB 3.1
Type	C
UPC	889056497121

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	0.539/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	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), 0.762µm (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

EU ELV
Not Relevant

<u>EU RoHS</u> Compliant	<u>China RoHS</u>
<u>REACH SVHC</u> Not Contained Per - ED/71/2019 (16 July 2019)	
<u>Halogen-Free</u> 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
105450 Series

Mates With
USB Type C Plug/Cable

Shield Type
Shielded
Voltage - Maximum

Full Shield
Yes
30V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-105450-001-000
PS-105448-001-001
SD-105450-001-000

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