

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1054440011](#)
Status: **Active**
Overview: USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Description: Universal Serial Bus (USB) Shielded I/O Plug, Type C, Right-Angle, Surface Mount, 0.76µm Gold (Au) Plating, Tape and Reel

Documents:

3D Model	Packaging Specification 1054441001-PK (PDF)
3D Model (PDF)	Test Summary 1054440001-TS (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 1054440001-000 (PDF)	



Series image - Reference only

General

Product Family	I/O Connectors
Series	105444
Application	Wire-to-Board
Comments	Nickel underplating
Component Type	Plug
Overview	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 3.1
Type	C
UPC	191128091893

Physical

Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Male
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Mounting Style	Top-Mount
Net Weight	0.360/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	3.048µm
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
Waterproof / Dustproof	No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[105444 Series](#)

Mates With

USB Type C Receptacle

Electrical

Current - Maximum per Contact	0.25A, 1.25A, 5.0A
Grounding to Panel	None
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Material Info**Reference - Drawing Numbers**

Packaging Specification	1054441001-PK
Product Specification	1054440001-000
Sales Drawing	1054440001-SM
Test Summary	1054440001-TS

This document was generated on 09/30/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION