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Part Number: [1054440001](#)
Status: **Active**
Overview: [USB Products and Solutions](#)
Description: Universal Serial Bus (USB) Shielded I/O Plug, Type C, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, Tray

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification 1054440001-000 \(PDF\)](#)
[Packaging Specification 1054440001-PK \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	105444
Application	Wire-to-Board
Comments	Nickel underplating
Component Type	Plug
Overview	USB Products and Solutions
Product Name	USB 3.1
Type	C
UPC	191128091886
Physical	
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Plug
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
Net Weight	0.633/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Tray
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°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.25A, 1.25A, 5.0A
Grounding to Panel	None
Shield Type	Full Shield



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC
Not Contained Per
-ED/01/2018 (15
January 2018)
Halogen-Free
Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[105444](#) Series

Mates With
USB Type C Receptacle

Shielded	Yes
Voltage - Maximum	30V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	1054440001-PK
Product Specification	1054440001-000
Sales Drawing	1054440001-SM

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