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

Documents:

3D Model	Application Specification 1054440001 (PDF)
Drawing (PDF)	Packaging Specification 1054440001 (PDF)
Product Specification 1054440001 (PDF)	RoHS Certificate of Compliance (PDF)

General

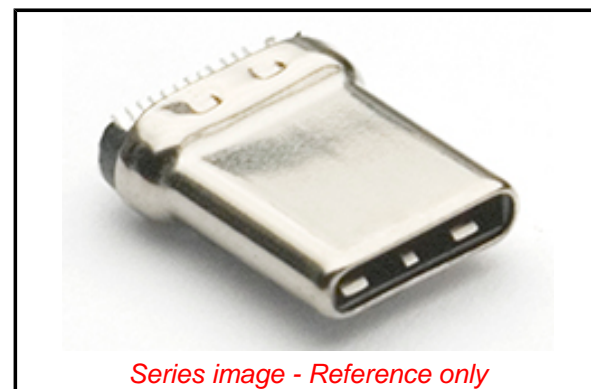
Product Family	I/O Connectors
Series	105444
Application	Wire-to-Board
Comments	Nickel underplating
Component Type	Plug
Overview	Consumer USB Products
Product Name	USB 3.1
Type	C
UPC	889056292740

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
Not Relevant

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

Application Specification	1054440001
Packaging Specification	1054440001
Product Specification	1054440001
Sales Drawing	1054440001

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