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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

Documents:

[3D Model](#) [Application Specification 1054440001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

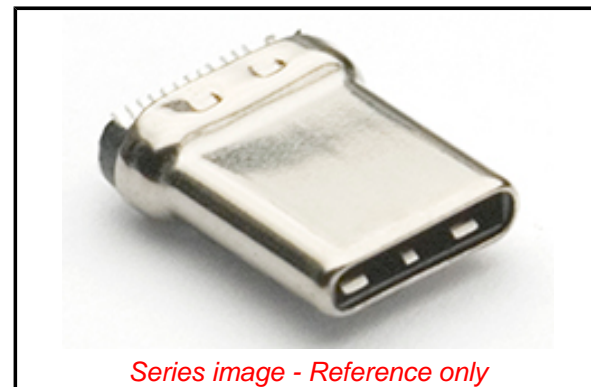
| | |
|----------------|---------------------------------------|
| Product Family | I/O Connectors |
| Series | 105444 |
| Application | Wire-to-Board |
| Comments | Nickel underplating |
| Component Type | Plug |
| Overview | Consumer USB Products |
| Product Name | USB 3.1 |
| Type | C |
| UPC | 889056292740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

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 |
| 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 |
| Shielded | Yes |
| Voltage - Maximum | 30V AC (RMS) |



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

Not Reviewed

ELV

Not Reviewed

Search Parts in this Series

[105444 Series](#)

Mates With

USB Type C Receptacle

Material Info

Reference - Drawing Numbers

Application Specification

1054440001

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