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Part Number:

1054440001

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, Tray



Series image - Reference only

|                                                            |                                                             |
|------------------------------------------------------------|-------------------------------------------------------------|
| Documents:                                                 |                                                             |
| <a href="#">3D Model</a>                                   | <a href="#">Packaging Specification 1054440001-PK (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Test Summary 1054440001-TS (PDF)</a>            |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |
| <a href="#">Product Specification 1054440001-000 (PDF)</a> |                                                             |

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| 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                            | 191128091886                                                                 |
| 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                     | 0.633/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° to +85°C                                                                |
| Termination Interface: Style   | Surface Mount                                                                |

|                                                                      |                          |
|----------------------------------------------------------------------|--------------------------|
| EU ELV<br>Compliant                                                  |                          |
| EU RoHS<br>Compliant                                                 | China RoHS               |
| REACH SVHC<br>Not Contained Per -<br>D(2021)4569-DC (8<br>July 2021) |                          |
| Halogen-Free<br>Status<br>Low-Halogen                                |                          |
| For more information, please visit <a href="#">Contact US</a>        |                          |
| China ROHS<br>ELV                                                    | Green Image<br>Compliant |
| RoHS Phthalates                                                      | 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 | 1054440001-PK  |
| Product Specification   | 1054440001-000 |
| Sales Drawing           | 1054440001-SM  |
| Test Summary            | 1054440001-TS  |

This document was generated on 09/14/2021

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