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Part Number:

2169890001

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 Receptacle, Type C, Upright, Through Hole, Dual Row, 14 Circuits, Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 2169900001-PS (PDF)

Packaging Specification 2169890001-PK1 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

|                                |                                                                              |
|--------------------------------|------------------------------------------------------------------------------|
| <b>General</b>                 |                                                                              |
| Product Family                 | I/O Connectors                                                               |
| Series                         | 216989                                                                       |
| Application                    | Wire-to-Board                                                                |
| Component Type                 | Receptacle                                                                   |
| Overview                       | USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles |
| Product Name                   | USB                                                                          |
| Standard                       | USB 2.0                                                                      |
| Type                           | C                                                                            |
| UPC                            | 195842116856                                                                 |
| <b>Physical</b>                |                                                                              |
| Circuits (Loaded)              | 14                                                                           |
| Circuits (maximum)             | 14                                                                           |
| Color - Resin                  | Black                                                                        |
| Durability (mating cycles max) | 10000                                                                        |
| Gender                         | Female                                                                       |
| Keying to Mating Part          | None                                                                         |
| Lock to Mating Part            | Yes                                                                          |
| Material - Metal               | Copper Alloy                                                                 |
| Material - Plating Mating      | Gold                                                                         |
| Material - Resin               | Nylon                                                                        |
| Mounting Style                 | Upright                                                                      |
| Net Weight                     | 1.110/g                                                                      |
| Number of Rows                 | 2                                                                            |
| Orientation                    | Right Angle                                                                  |
| PCB Locator                    | Yes                                                                          |
| PCB Retention                  | Yes                                                                          |
| PCB Thickness - Recommended    | 1.20mm                                                                       |
| Packaging Type                 | Embossed Tape on Reel                                                        |
| Panel Mount                    | Yes                                                                          |
| Pitch - Mating Interface       | 0.50mm                                                                       |
| Pitch - Termination Interface  | 0.50mm                                                                       |
| Plating min - Mating           | 0.025µm                                                                      |
| Polarized to Mating Part       | No                                                                           |
| Polarized to PCB               | No                                                                           |
| Surface Mount Compatible (SMC) | Yes                                                                          |
| Temperature Range - Operating  | -40° to +85°C                                                                |
| Termination Interface: Style   | Through Hole                                                                 |
| Waterproof / Dustproof         | No                                                                           |
| <b>Electrical</b>              |                                                                              |
| Current - Maximum per Contact  | 1.25A                                                                        |
| Grounding to Panel             | None                                                                         |

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

Search Parts in this Series

216989 Series

Mates With

USB Type C Plug/Cable

Shield Type  
Shielded  
Voltage - Maximum

Full Shield  
Yes  
30V AC/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

2169890001-PK1  
2169900001-PS  
2169890001-000

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