



Part Number : 1731100179

Series Number : 173110

Product Category : D-Sub Connectors


Product Description : FCT High-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Front Panel Mount, Metal Watertight Frame, 15 Circuits

Status : Active

Engineering Number : FWDFM09-15S-K1444

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21   |
| REACH SVHC         | Contains Lead per D(2022)4187-DC (10 June 2022)                                     |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863                                       |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

## Part Details

### General

|          |                  |
|----------|------------------|
| Status   | Active           |
| Category | D-Sub Connectors |
| Series   | 173110           |

|                |   |
|----------------|---|
| Description    | FCT High-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Front Panel Mount, Metal Watertight Frame, 15 Circuits |
| IP Rating      | IP67  |
| Magnetic       | Yes   |
| Product Family | FCT D-Sub Connectors  |
| Product Name   | FCT Products  |
| Type           | High Density  |
| UPC            | 191128905589  |

## Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| Shielded                      | Yes  |

## Physical

|                                |                  |
|--------------------------------|------------------|
| Circuits (Loaded)              | 15               |
| Circuits (maximum)             | 15               |
| Color - Resin                  | Black            |
| Durability (mating cycles max) | 500              |
| Gender                         | Female           |
| Material - Contact             | Copper Alloy     |
| Material - Resin               | PBT              |
| Material - Shell               | Brass            |
| Net Weight                     | 12.800/g         |
| Number of Rows                 | 3                |
| Orientation                    | Straight         |
| Packaging Type                 | Carton           |
| Panel Mount                    | Front            |
| Panel Mount Method             | Thread-In        |
| PCB Locator                    | No               |
| PCB Retention                  | None             |
| Pitch - Mating Interface       | 1.98mm           |
| Pitch - Termination Interface  | 1.98mm           |
| Plating - Contact              | Gold over Nickel |

|                               |               |
|-------------------------------|---------------|
| Plating - Shell               | Tin           |
| Polarized to Mating Part      | Yes           |
| Ports                         | 1             |
| Temperature Range - Operating | -25° to +70°C |
| Termination Style             | Solder Cup    |
| Waterproof / Dustproof        | Yes           |
| Waterproof / Dustproof Type   | IP67          |
| Wire Size (AWG)               | 22            |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number                                       |
|-------------|---|
| Mates With  | FCT High-Density D-Sub, Size 1, 15 Position, Plug |

### Use with Part(s)

| Description | Part Number         |
|-------------|---------------------|
| Use With    | FCT D-Sub Dust Caps |

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