



Part Number : [1731100023](#)
Product Description : FCT Standard-Density
Waterproof D-Sub Connector, Female, Straight, Solder
Cup, Gold Plating, Front Panel Mount, Plastic
Watertight Frame, 15 Circuits, Red Insulator
Series Number : 173110
Status : Active
Product Category : D-Sub Connectors
Engineering Number : FWDF15S




Documents & Resources

Drawings

[1731100023_sd.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|--------------|--|
| Status | Active |
| Category | D-Sub Connectors |
| Series | 173110 |
| Description | FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Front Panel Mount, Plastic Watertight Frame, 15 Circuits, Red Insulator |
| IP Rating | IP67 |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 889056324953 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 7.5A |
| Shielded | Yes |

Physical

| | |
|--------------------------------|--------------|
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| Color - Resin | Red |
| Durability (mating cycles min) | 500 |
| Gender | Female |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Brass |
| Net Weight | 14.500/g |

| | |
|-------------------------------|------------------|
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |
| Panel Mount | Front |
| Panel Mount Method | Thread-In |
| PCB Locator | No |
| PCB Retention | None |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |
| 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) | 20 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|--|
| Mates With | FCT Standard-Density D-Sub, Size 2, 15 Position, Plug |

Use with Part(s)

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

This document was generated on Sep 10, 2025