

Part Number : 1727040055

Series Number : 172704

Product Category : D-Sub Connectors

Product Description : FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, PCB Through Hole, 11.20mm Tail Length, Gold over Nickel Phosphorus Plating, Plastic Watertight Frame, Snap-in Bolt, 25 Circuits, Red Insulator

Status : Active

Engineering Number : FWDR25S1A

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(2023)3788-DC (14 Jun 2023) |
| 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 | 172704 |
| Description | FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, PCB Through Hole, 11.20mm Tail Length, Gold over Nickel Phosphorus Plating, Plastic Watertight Frame, Snap-in Bolt, 25 Circuits, Red Insulator |
| IP Rating | IP67 |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 889056019668 |

Electrical

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

Physical

| | |
|--------------------------------|--------------|
| Circuits (Loaded) | 25 |
| Circuits (maximum) | 25 |
| Color - Resin | Red |
| Durability (mating cycles max) | 500 |
| Gender | Female |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Brass |
| Net Weight | 18.200/g |
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Thread-In |
| PC Tail Length | 11.20mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |

| | |
|-------------------------------|-----------------------------|
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |
| Plating - Contact | Gold over Nickel Phosphorus |
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -25° to +70°C |
| Termination Style | Through Hole |
| Waterproof / Dustproof | Yes |
| Waterproof / Dustproof Type | IP67 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|---|
| Mates With | FCT Standard Density D-Sub, Size 3, 25 Position, Plug |

Use with Part(s)

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

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