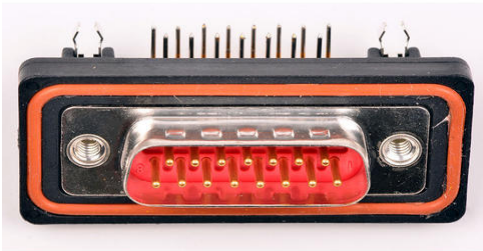




**Part Number :** [1727040051](#)  
**Product Description :** FCT Standard-Density  
Waterproof D-Sub Connector, Male, Right-Angle, PCB  
Through Hole, 10.50mm Tail Length, Gold over Nickel  
Phosphorus Plating, Plastic Watertight Frame, Snap-in  
Bolt, 15 Circuits, Red Insulator  
**Series Number :** 172704  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FWDR15P25A



## Documents & Resources

### Drawings

[1727040051\\_sd.pdf](#)  
[Symbol and Footprint \(Multi-Format\)](#)

## 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         | Not Reviewed per D(2024)7663-DC<br>(21 Jan 2025) |
| EU RoHS            | Compliant with Exemption 6(c) per<br>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

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**Part Details**

**General**

|              |                                                                                                                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                                                                             |
| Category     | D-Sub Connectors                                                                                                                                                                                                   |
| Series       | 172704                                                                                                                                                                                                             |
| Description  | FCT Standard-Density Waterproof D-Sub Connector, Male, Right-Angle, PCB Through Hole, 10.50mm Tail Length, Gold over Nickel Phosphorus Plating, Plastic Watertight Frame, Snap-in Bolt, 15 Circuits, Red Insulator |
| IP Rating    | IP67                                                                                                                                                                                                               |
| Magnetic     | Yes                                                                                                                                                                                                                |
| Product Name | FCT Products                                                                                                                                                                                                       |
| Type         | Standard Density                                                                                                                                                                                                   |
| UPC          | 889056019620                                                                                                                                                                                                       |

**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                         | Male         |
| Material - Contact             | Copper Alloy |

|                               |                             |
|-------------------------------|-----------------------------|
| Material - Resin              | PBT                         |
| Material - Shell              | Brass                       |
| Net Weight                    | 13.500/g                    |
| Number of Rows                | 2                           |
| Orientation                   | Right-Angle                 |
| Packaging Type                | Carton                      |
| Panel Mount                   | Rear                        |
| Panel Mount Method            | Thread-In                   |
| PCB Locator                   | Yes                         |
| PCB Retention                 | Yes                         |
| PCB Thickness - Recommended   | 1.60mm                      |
| PC Tail Length                | 10.50mm                     |
| Pitch - Mating Interface      | 2.84mm                      |
| Pitch - Termination Interface | 2.54mm                      |
| 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                        |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number                                                |
|-------------|------------------------------------------------------------|
| Mates With  | FCT Standard Density D-Sub, Size 2,<br>15 Position, Socket |

### Use with Part(s)

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

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This document was generated on Sep 10, 2025