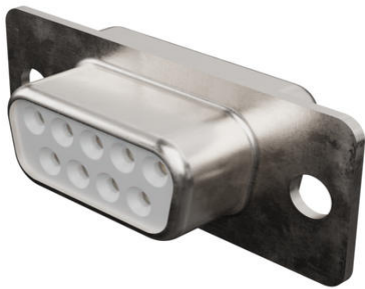




**Part Number :** [1727040163](#)  
**Product Description :** FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 9 Circuits, White Insulator  
**Series Number :** 172704  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** F09S0G2



## Documents & Resources

### Drawings

[1727040163 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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(2025)4165-DC<br>(25 June 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 D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 9 Circuits, White Insulator |
| IP Rating    | IP20                                                                                                                             |
| Magnetic     | Yes                                                                                                                              |
| Product Name | FCT Products                                                                                                                     |
| Type         | Standard Density                                                                                                                 |
| UPC          | 889056061797                                                                                                                     |

### Electrical

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

### Physical

|                                |              |
|--------------------------------|--------------|
| Circuits (Loaded)              | 9            |
| Circuits (maximum)             | 9            |
| Color - Resin                  | White        |
| Durability (mating cycles min) | 200          |
| Gender                         | Female       |
| Material - Contact             | Copper Alloy |

|                               |                  |
|-------------------------------|------------------|
| Material - Resin              | PBT              |
| Material - Shell              | Steel            |
| Net Weight                    | 5.700/g          |
| Number of Rows                | 2                |
| Orientation                   | Straight         |
| Packaging Type                | Carton           |
| Panel Mount                   | Rear             |
| Panel Mount Method            | Flange           |
| 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 | -55° to +125°C   |
| Termination Style             | Solder Cup       |
| Waterproof / Dustproof        | No               |
| Waterproof / Dustproof Type   | IP20             |
| Wire Size (AWG)               | 20               |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number                                             |
|-------------|---------------------------------------------------------|
| Mates With  | FCT Standard-Density D-Sub, Size 1,<br>9 Position, Plug |

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This document was generated on Sep 10, 2025