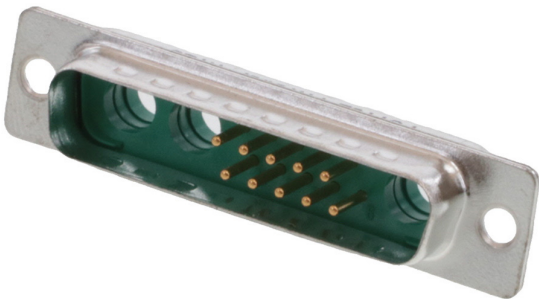




**Part Number :** [1731070063](#)  
**Product Description :** FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 13 Circuits Max, 10 Signal Contacts Loaded, Green Insulator  
**Series Number :** 173107  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FM13W3P-K120



Documents & Resources

**Drawings**  
[1731070063\\_sd.pdf](#)

**3D Models and Design Files**  
[1731070063\\_stp.zip](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Contains Lead per D(2024)7663-DC (21 Jan 2025)                                        |
| 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

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### Part Details

#### General

|              |                                                                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                                 |
| Category     | D-Sub Connectors                                                                                                                                                       |
| Series       | 173107                                                                                                                                                                 |
| Description  | FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 13 Circuits Max, 10 Signal Contacts Loaded, Green Insulator |
| IP Rating    | IP20                                                                                                                                                                   |
| Magnetic     | Yes                                                                                                                                                                    |
| Product Name | FCT Products                                                                                                                                                           |
| Type         | Mixed Layout                                                                                                                                                           |
| UPC          | 889056317320                                                                                                                                                           |

#### Electrical

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

#### Physical

|                    |              |
|--------------------|--------------|
| Circuits (Loaded)  | 10           |
| Circuits (maximum) | 13           |
| Color - Resin      | Green        |
| Gender             | Male         |
| Material - Contact | Copper Alloy |
| Material - Resin   | PBT          |
| Material - Shell   | Steel        |
| Net Weight         | 8.800/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 min - Mating          | 0.800µm          |
| Plating - Shell               | Tin              |
| Polarized to Mating Part      | Yes              |
| Ports                         | 1                |
| Temperature Range - Operating | -55° to +130°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 Mixed Layout D-Sub, Size 3, 13W3, Socket |

### Use with Part(s)

| Description | Part Number                                                  |
|-------------|--------------------------------------------------------------|
| Use With    | FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts |