



**Part Number :** [1727040031](#)

**Product Description :** FCT Mixed Layout D-Sub  
Housing, Male, Tin-plated Shell with Dimples, 3 Circuits  
Unloaded, Green Insulator

**Series Number :** 172704

**Status :** Active

**Product Category :** D-Sub Connectors

**Engineering Part Number :** FM3W3P-K120



## Documents and Resources

### Drawings

[1727040031\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                         |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant 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

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## Part Details

### General

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                    |
| Category     | D-Sub Connectors                                                                                          |
| Series       | 172704                                                                                                    |
| Description  | FCT Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, 3 Circuits Unloaded, Green Insulator |
| IP Rating    | IP20                                                                                                      |
| Magnetic     | Yes                                                                                                       |
| Product Name | FCT Products                                                                                              |
| Type         | Mixed Layout                                                                                              |
| UPC          | 889056019422                                                                                              |

### Electrical

|          |     |
|----------|-----|
| Shielded | Yes |
|----------|-----|

### Physical

|                    |                                  |
|--------------------|----------------------------------|
| Circuits (Loaded)  | 0                                |
| Circuits (maximum) | 3                                |
| Color - Resin      | Green                            |
| Gender             | Male                             |
| Material - Resin   | Polybutylene Terephthalate (PBT) |
| Material - Shell   | Steel                            |
| Net Weight         | 5.500/g                          |

|                               |                |
|-------------------------------|----------------|
| Number of Rows                | 1              |
| Packaging Type                | Carton         |
| Panel Mount                   | Rear           |
| Panel Mount Method            | Flange         |
| PCB Locator                   | No             |
| PCB Retention                 | No             |
| Plating - Shell               | Tin            |
| Polarized to Mating Part      | Yes            |
| Ports                         | 1              |
| Shell Size                    | 2              |
| Temperature Range - Operating | -55° to +130°C |
| Waterproof / Dustproof        | No             |
| Waterproof / Dustproof Type   | IP20           |

### Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number                                 |
|-------------|---------------------------------------------|
| Mates With  | FCT Mixed Layout D-Sub, Size 2, 3W3, Socket |

### Use with Part(s)

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

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