



**Part Number :** [1727040003](#)  
**Product Description :** FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 25 Circuits, Black Front and Rear Insulator  
**Series Number :** 172704  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FL25P7-K120



Documents & Resources

Drawings  
[1727040003\\_sd.pdf](#)

3D Models and Design Files  
[1727040003\\_stp.zip](#)

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         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant 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       | 172704                                                                                                          |
| Description  | FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 25 Circuits, Black Front and Rear Insulator |
| IP Rating    | IP20                                                                                                            |
| Magnetic     | Yes                                                                                                             |
| Product Name | FCT Products                                                                                                    |
| Type         | Standard Density                                                                                                |
| UPC          | 889056019040                                                                                                    |

#### Electrical

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

#### Physical

|                    |                |
|--------------------|----------------|
| Circuits (Loaded)  | 0              |
| Circuits (maximum) | 25             |
| Color - Resin      | Black          |
| Gender             | Male           |
| Material - Resin   | PBT, Polyamide |
| Material - Shell   | Steel          |
| Net Weight         | 8.400/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 - Shell               | Tin                    |
| Polarized to Mating Part      | Yes                    |
| Ports                         | 1                      |
| Temperature Range - Operating | -55° to +115°C         |
| Termination Style             | Crimp                  |
| Waterproof / Dustproof        | No                     |
| Waterproof / Dustproof Type   | IP20                   |
| Wire Size (AWG)               | 18, 20, 22, 24, 26, 28 |

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## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

| Description                                                                   | Part Number       |
|-------------------------------------------------------------------------------|-------------------|
| FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 24-20 AWG, 500 Pieces | <u>1731120200</u> |
| FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 24-20 AWG, 500 Pieces | <u>1731120201</u> |
| FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces | <u>1731120202</u> |