



**Part Number :** [1731090435](#)  
**Product Description :** FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator  
**Series Number :** 173109  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FL09S7-1853



## Documents & Resources

### Drawings

- [1731090435 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

## 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 Contained per D(2024)7663-DC (21 Jan 2025)                                                            |
| 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       | 173109                                                                                                              |
| Description  | FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator |
| IP Rating    | IP20                                                                                                                |
| Magnetic     | Yes                                                                                                                 |
| Product Name | FCT Products                                                                                                        |
| Type         | Standard Density                                                                                                    |
| UPC          | 191128189439                                                                                                        |

**Electrical**

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

**Physical**

|                    |          |
|--------------------|----------|
| Circuits (Loaded)  | 0        |
| Circuits (maximum) | 9        |
| Color - Resin      | Black    |
| Gender             | Female   |
| Material - Resin   | PBT      |
| Material - Shell   | Steel    |
| Net Weight         | 4.800/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 - Shell               | Tin            |
| Polarized to Mating Part      | Yes            |
| Polarized to PCB              | No             |
| Ports                         | 1              |
| Temperature Range - Operating | -55° to +125°C |
| Termination Style             | Crimp          |
| Waterproof / Dustproof        | No             |
| Waterproof / Dustproof Type   | IP20           |

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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 |