



**Part Number :** [1731110086](#)  
**Product Description :** FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing  
**Series Number :** 173111  
**Status :** Active  
**Product Category :** D-Sub Backshells  
**Engineering Number :** FMH1



## Documents & Resources

### Drawings

[1731110086 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         | Not Contained per D(2025)4165-DC<br>(25 June 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 Backshells                                                                                  |
| Series       | 173111                                                                                            |
| Description  | FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing |
| Magnetic     | Yes                                                                                               |
| Product Name | FCT Products                                                                                      |
| Type         | Rugged Metal                                                                                      |
| UPC          | 889056487863                                                                                      |

**Electrical**

|             |             |
|-------------|-------------|
| Shielded    | Yes         |
| Shield Type | Solid Metal |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Cable Diameter                | 5.00-8.00mm    |
| Material - Backshell          | Zinc Die-cast  |
| Material - Bushing            | TPE            |
| Orientation                   | Straight       |
| Packaging Type                | Carton         |
| Plating - Backshell           | Nickel         |
| Temperature Range - Operating | -35° to +100°C |
| Tightening Test Torque        | 40 Ncm         |
| Waterproof / Dustproof        | No             |

## Mates With / Use With

### Use with Part(s)

| Description                                                                                                                      | Part Number                       |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator                   | <a href="#"><u>1727040009</u></a> |
| FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator              | <a href="#"><u>1727040010</u></a> |
| FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator | <a href="#"><u>1727040078</u></a> |
| FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 9 Circuits, White Insulator | <a href="#"><u>1727040163</u></a> |
| FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 15 Circuits                                          | <a href="#"><u>1731130058</u></a> |
| FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator   | <a href="#"><u>1727040075</u></a> |
| FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 15 Circuits                                        | <a href="#"><u>1731130059</u></a> |
| FCT High-Density D-Sub Crimp Housing, Male, 15 Circuits                                                                          | <a href="#"><u>1731130002</u></a> |
| FCT High-Density D-Sub Crimp Housing, Female, 15 Circuits                                                                        | <a href="#"><u>1731130073</u></a> |