**Part Number :** 1727040098
**Product Description :** FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws
**Series Number :** 172704
**Status :** Active
**Product Category :** D-Sub Backshells
**Engineering Part Number :** FMK2G



## Documents and Resources

### Drawings

1727040098_sd.pdf

### 3D Models and Design Files

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 | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) SCIP:1875021e-1b94-4f7b-a5d1-9e8146440229 |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS

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- 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 | 172704 |
| Description | FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Rugged Metal |
| UPC | 889056020091 |

### Electrical

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

### Physical

| | |
|---|---|
| Cable Diameter | 3.00-8.50mm |
| Material - Backshell | Zinc Die-cast |
| Material - Bushing | TPE |
| Material - Screw | Steel |

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| | |
|---|---|
| Mounting Style | Locking Screw |
| Net Weight | 56.400/g |
| Orientation | Straight |
| Packaging Type | Carton |
| Plating - Backshell | Nickel |
| Shell Size | 2 |
| Temperature Range - Operating | -35° to +100°C |
| Thread Size | 4-40 UNC |
| Thread Type | Standard |
| 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, 15 Circuits, Black Front and Rear Insulator | 1727040001 |
| FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 15 Circuits, Black Front and Rear Insulator | 1727040002 |
| FCT High-Density D-Sub Crimp Housing, Female, 26 Circuits | 1731130100 |
| FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 26 Circuits | 1731130061 |
| FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 26 Circuits | 1731130060 |
| FCT High-Density D-Sub Crimp Housing, Male, 26 Circuits | 1731130099 |
| FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, 0.80µm Gold Plating, with Machined Contacts, 26 Circuits | 1731130148 |

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| | |
|---|---|
| FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, 0.80µm Gold Plating, with Machined Contacts, 26 Circuits | 1731130151 |
| FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 15 Circuits, White Insulator | 1727040063 |
| FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 15 Circuits, White Insulator | 1731090069 |
| FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 15 Circuits, White Insulator | 1727040166 |
| FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 15 Circuits, White Insulator | 1727040168 |



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