**Part Number :** 1727040009
**Product Description :** FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator
**Series Number :** 172704
**Status :** Active
**Product Category :** D-Sub Connectors
**Engineering Part Number :** FL09P7-K120



## Documents and Resources

### Drawings

1727040009_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 Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)6375-DC (05 Nov 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

---

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | D-Sub Connectors |
| Series | 172704 |
| Description | FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator |
| IP Rating | IP20 |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 889056019101 |

### Electrical

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

### Physical

| | |
|---|---|
| Circuits (Loaded) | 0 |
| Circuits (maximum) | 9 |
| Color - Resin | Black |
| Gender | Male |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 4.600/g |

| | |
|---|---|
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Flange |
| PCB Locator | No |
| PCB Retention | No |
| 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 |

---

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator | 1727040010 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws | 1727040096 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner | 1727040095 |

| | |
|---|---|
| Chamber, with Rubber Bushing and #4-40 Locking Screws | |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and M3 Hex Knurled Thumb Screws | 1731110299 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing and M3 Locking Screws | 1731110183 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Knurled Thumb Screws | 1731110081 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing | 1731110086 |
| FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing | 1727040105 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet | 1731110255 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Flat Body, with #4-40 Locking Screws, Individual Packing | 1727040111 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing | 1731110303 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 | 1731110244 |

| | |
|---|---|
| Locking Screws | |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws | 1731110235 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Hood Snapped Together | 1731110670 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Knurled Thumb Screws, Individually Packed | 1731110132 |
| FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet | 1731110204 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 40° Angle Cable Outlet, with Extended Inner Chamber | 1731110601 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Individually Packed | 1727040110 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed | 1727040109 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed | 1727040112 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing and #4-40 Knurled | 1727040182 |

| | |
|---|---|
| Thumb Screws | |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing | 1727040192 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Flat Body, with #4-40 Locking Screws | 1731110221 |
| FCT Metal Backshell for D-Sub Connector, Shell Size 1, Dual 65° Angle Cable Outlets, with #4-40 Locking Screws | 1731110095 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, with #4-40 Knurled Thumb Screws | 1731110256 |
| FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 40° Angle Cable Outlet | 1731110168 |
| FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet, Individually Packed | 1731110019 |
| FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces | 1731120210 |
| FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces | 1731120727 |
| FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 28-26 AWG, 500 Pieces | 1731120213 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 24-20 AWG, 5000 Pieces | 1731120731 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 24-20 AWG, 500 Pieces | 1731120214 |
| FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, | 1731120729 |

| | |
|---|---|
| 28-26 AWG, 5000 Pieces | |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 22-18 AWG, 5000 Pieces | 1731121031 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 22-18 AWG, 500 Pieces | 1731120211 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 22-18 AWG, 5000 Pieces | 1731121034 |
| FCT Stamped Contact, Female, Crimp, 0.80µm Gold Mating Plating, Split Tine, 28-24 AWG, 10,000 pieces on reel | 1731120331 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 22-18 AWG, 1000 Pieces | 1731121030 |
| FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 24-20 AWG, 500 Pieces | 1731120215 |
| FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 24-20 AWG, 5000 Pieces | 1731120733 |
| FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 28-26 AWG, 500 Pieces | 1731120220 |