



Part Number : [1727040042](#)
Product Description : FCT Mixed Layout D-Sub
Housing, Female, Tin-plated Shell, Polarized, 2
Circuits Unloaded, Black Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Number : F2W2SC-K121




Documents & Resources

Drawings
[1727040042_sd.pdf](#)

3D Models and Design Files
[1727040042_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)7663-DC (21 Jan 2025) |
| 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

Part Details

General

| | |
|--------------|---|
| Status | Active |
| Category | D-Sub Connectors |
| Series | 172704 |
| Description | FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 2 Circuits Unloaded, Black Insulator |
| IP Rating | IP20 |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 889056019538 |

Electrical

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

Physical

| | |
|--------------------|---------|
| Circuits (Loaded) | 0 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Gender | Female |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 4.000/g |
| Number of Rows | 1 |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Flange |
| PCB Locator | No |
| PCB Retention | None |

| | |
|-------------------------------|----------------|
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Temperature Range - Operating | -55° to +130°C |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|---|
| Mates With | FCT Mixed Layout D-Sub, Size 1, 2W2PC, Plug |

Use with Part(s)

| Description | Part Number |
|-------------|--|
| Use With | FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts |