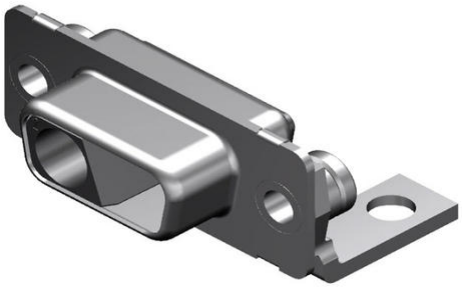
**Part Number :** 1731070794
**Product Description :** FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 14.50mm Metal Bracket and M3 Clinch Nut, 2 Circuits Unloaded, Black Insulator
**Series Number :** 173107
**Status :** Active
**Product Category :** D-Sub Connectors
**Engineering Part Number :** F2W2SC-1568



## Documents and Resources

### Drawings

1731070794_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 Lead per D(2022)9120-DC (17 Jan 2023) |
| EU RoHS | Compliant with Exemption 6(a) 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 | 173107 |
| Description | FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 14.50mm Metal Bracket and M3 Clinch Nut, 2 Circuits Unloaded, Black Insulator |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 191130102723 |

### Electrical

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

### Physical

| | |
|---|---|
| Circuits (Loaded) | 0 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Gender | Female |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 7.400/g |

| | |
|---|---|
| Number of Rows | 1 |
| Packaging Type | Carton |
| Panel Mount | Rear |
| Panel Mount Method | Thread-In |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -55° to +130°C |
| Waterproof / Dustproof | No |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | FCT Mixed Layout D-Sub, Size 1, 2W2, Plug |

### Use with Part(s)

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