Part Number : 1731091512

Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 10.30mm Tail Length, Gold Plating, 500 Mating Cycles, 6.30mm #4-40 Front Spacer, 6.50mm M3 Rear Spacer, 37 Circuits, White Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F37P1G1-1485

## Documents & Resources

### Drawings

Drawing_1731091512_sd.pdf

### 3D Models and Design Files

3D Model_1731091512_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 | Contains Lead per D(2021)4569-DC (8 July 2021) |
| EU RoHS | Compliant with Exemption 6(c) 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)

# Part Details

## General

| | |
|---|---|
| Status | Active |
| Category | D-Sub Connectors |
| Series | 173109 |
| Description | FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 10.30mm Tail Length, Gold Plating, 500 Mating Cycles, 6.30mm #4-40 Front Spacer, 6.50mm M3 Rear Spacer, 37 Circuits, White Insulator |
| IP Rating | IP20 |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 191130098675 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 7.5A |
| Shielded | Yes |

## Physical

| | |
|---|---|
| Circuits (Loaded) | 37 |
| Circuits (maximum) | 37 |
| Color - Resin | White |
| Durability (mating cycles max) | 500 |
| Gender | Male |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 17.400/g |
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |

| | |
|---|---|
| Panel Mount | Rear |
| Panel Mount Method | Thread-In |
| PC Tail Length | 10.30mm |
| Pitch - Mating Interface | 2.84mm |
| Pitch - Termination Interface | 2.84mm |
| Plating - Contact | Gold over Nickel |
| Plating - Shell | Tin |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Ports | 1 |
| Temperature Range - Operating | -55° to +125°C |
| Termination Style | Through Hole |
| Waterproof / Dustproof | No |
| Waterproof / Dustproof Type | IP20 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | FCT Standard-Density D-Sub, Size 4, 37 Position, Socket |