

Part Number : 1731091046

Series Number : 173109

Product Category : D-Sub Connectors

Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 10.30mm Tail Length, Gold Plating, 500 Mating Cycles, 5.60mm Snap-in Bolt, 9 Circuits, White Insulator

Status : Active

Engineering Number : F09P1G1-0981

Documents & Resources

Drawings

Drawing 1731091046_sd.pdf

3D Models and Design Files

3D Model 1731091046_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(2023)8585-DC (23 Jan 2024) |
| 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)

EU RoHS Certificate of Compliance

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, 5.60mm Snap-in Bolt, 9 Circuits, White Insulator |
| IP Rating | IP20 |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 191130094011 |

Electrical

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

Physical

| | |
|--------------------------------|--------------|
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| Color - Resin | White |
| Durability (mating cycles max) | 500 |
| Gender | Male |
| Material - Contact | Copper Alloy |
| Material - Resin | PBT |
| Material - Shell | Steel |
| Net Weight | 6.500/g |
| Number of Rows | 2 |
| Orientation | Straight |
| Packaging Type | Carton |
| Panel Mount | Rear |

| | |
|-------------------------------|------------------|
| Panel Mount Method | Thread-In |
| PC Tail Length | 10.30mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| 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 1, 9 Position, Socket |