

Part Number : 1731092231

Series Number : 173109

Product Category : D-Sub Connectors

**Product Description :** FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 9 Circuits, Heat Resistant Natural Insulator

**Status :** Active

**Engineering Number :** FH09P22G2-0903

## Documents & Resources

### Drawings

Drawing 1731092231\_sd.pdf

### 3D Models and Design Files

3D Model 1731092231\_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)3788-DC (14 Jun 2023)
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

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### Part Details

#### General

Status	Active
Category	D-Sub Connectors
Series	173109
Description	FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 9 Circuits, Heat Resistant Natural Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	191130958191

#### Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

#### Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Natural
Durability (mating cycles max)	200
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PCT
Material - Shell	Steel
Net Weight	6.900/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton

Panel Mount	Rear
Panel Mount Method	Thread-In
PC Tail Length	11.70mm
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 +150°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCT Standard-Density D-Sub, Size 1, 9 Position, Socket

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