Part Number : 1731091670

Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 500 Mating Cycles, 8.10mm M3 Snap-in Bolt, 25 Circuits, Heat Resistant Natural Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FH25P22G1-0904

Documents & Resources

Drawings

Drawing_1731091670_sd.pdf

3D Models and Design Files

3D Model_1731091670_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(2022)4187-DC (10 June 2022)
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, 11.70mm Tail Length, Gold Plating, 500 Mating Cycles, 8.10mm M3 Snap-in Bolt, 25 Circuits, Heat Resistant Natural Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	191130100255

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Natural
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PCT
Material - Shell	Steel
Net Weight	12.000/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Standard-Density D-Sub, Size 3, 25 Position, Socket