Part Number : 1731091684

Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 9.20mm Tail Length, Gold Plating, 200 Mating Cycles, 5.60mm Snap-in Bolt, 37 Circuits, Heat Resistant Natural Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FH37S24G2-0981

Documents & Resources

Drawings

Drawing_1731091684_sd.pdf

3D Models and Design Files

3D Model_1731091684_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	Not Reviewed 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)

Part Details

General

Status	Active
Category	D-Sub Connectors
Series	173109
Description	FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 9.20mm Tail Length, Gold Plating, 200 Mating Cycles, 5.60mm Snap-in Bolt, 37 Circuits, Heat Resistant Natural Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	191130100392

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	37
Circuits (maximum)	37
Color - Resin	Natural
Durability (mating cycles max)	200
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PCT
Material - Shell	Steel
Net Weight	17.800/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear

Panel Mount Method	Thread-In
PC Tail Length	9.20mm
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 4, 37 Position, Plug