Part Number : 1731090129
Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 10.30mm Tail Length, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator
Series Number : 173109
Status : Active
Product Category : D-Sub Connectors
Engineering Number : F37S1G2



Documents & Resources

Drawings

1731090129_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
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

Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	D-Sub Connectors
Series	173109
Description	FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 10.30mm Tail Length, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056486118

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	37
Circuits (maximum)	37
Color - Resin	White
Durability (mating cycles min)	200

Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	16.900/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
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, Plug