Part Number : 1731090119

Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 10.30mm Tail Length, Tail Length, Gold Plating, 500 Mating Cycles, 50 Circuits, White Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F50P1G1

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

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, Tail Length, Gold Plating, 500 Mating Cycles, 50 Circuits, White Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	889056486019

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	White
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	16.900/g
Number of Rows	3
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
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 5, 50 Position, Socket