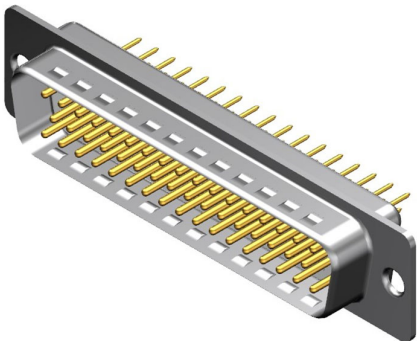




Part Number : 1731090729
Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, PCB Through Hole, 10.30mm Tail Length, Tail Length, Gold over Nickel Phosphorus Plating, 500 Mating Cycles, 50 Circuits, White Insulator
Series Number : 173109
Status : Active
Product Category : D-Sub Connectors
Engineering Number : F50P1G1A




Documents & Resources

Drawings
[Drawing 1731090729_sd.pdf](#)

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

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 over Nickel Phosphorus Plating, 500 Mating Cycles, 50 Circuits, White Insulator
IP Rating	IP20
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	191128905121

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 Phosphorus
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