Part Number : 1731100114
Product Description : FCT Standard-Density Waterproof D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Front Panel Mount, Plastic Watertight Frame, 9 Circuits, Red Insulator
Series Number : 173110
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FWDF09P



Documents and Resources

Drawings

1731100114_sd.pdf

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; 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)6375-DC (05 Nov 2025) SCIP:8d17c6d6-e5a2-4045-b79a-76a746536153
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

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- 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	173110
Description	FCT Standard-Density Waterproof D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Front Panel Mount, Plastic Watertight Frame, 9 Circuits, Red Insulator
IP Rating	IP67
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191128208765

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Red
Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy

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Material - Resin	PBT
Material - Shell	Brass
Net Weight	10.900/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front
Panel Mount Method	Thread-In
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shell Size	1
Temperature Range - Operating	-25° to +70°C
Termination Style	Solder Cup
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
Wire Size (AWG)	20

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