Part Number : 1731100026
Product Description : FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, PCB Through Hole, 11.20mm Tail Length, Gold Plating, Plastic Watertight Frame, Snap-in Bolt, 9 Circuits, Red Insulator
Series Number : 173110
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FWDR09S1



Documents and Resources

Drawings

1731100026_sd.pdf

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(2025)4165-DC (25 June 2025) SCIP:6aabfe1b-00d5-4c6c-8cb2-df20574a195b
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	173110
Description	FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, PCB Through Hole, 11.20mm Tail Length, Gold Plating, Plastic Watertight Frame, Snap-in Bolt, 9 Circuits, Red Insulator
IP Rating	IP67
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056324984

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Red
Durability (mating cycles min)	500

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Gender	Female
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Brass
Net Weight	10.700/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	11.20mm
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
Shell Size	1
Temperature Range - Operating	-25° to +70°C
Termination Style	Through Hole
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Standard Density D-Sub, Size 1, 9 Position, Plug

Use with Part(s)

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Description	Part Number
Use With	FCT D-Sub Dust Caps

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