Part Number : 1731100009

Product Description : FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Plastic Watertight Frame, 25 Circuits, Red Insulator

Series Number : 173110

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FWDR25S

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	173110

Description	FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Plastic Watertight Frame, 25 Circuits, Red Insulator
IP Rating	IP67
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	889056319171

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Red
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	18.200/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	No
PCB Retention	None
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
Temperature Range - Operating	-25° to +70°C
Termination Style	Solder Cup
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Standard Density D-Sub, Size 3, 25 Position, Plug

Use with Part(s)

Description	Part Number
Use With	FCT D-Sub Dust Caps