molex

Part Number : 1731100031

Product Description : FCT Standard-Density Waterproof D-Sub Connector, Male, Straight, PCB Through Hole, 11.20mm Tail Length, Gold Plating, Plastic Watertight Frame, Snap-in Bolt, 25 Circuits, Red Insulator

Series Number : 173110

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FWDR25P1

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2023)8585-DC (23 Jan 2024)
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, Male, Straight, PCB Through Hole, 11.20mm Tail Length, Gold Plating, Plastic Watertight Frame, Snap-in Bolt, 25 Circuits, Red Insulator
IP Rating	IP67
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	889056325035

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	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	16.700/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In

PC Tail Length	11.20mm
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	-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 3, 25 Position, Socket

Use with Part(s)

Description	Part Number
Use With	FCT D-Sub Dust Caps

This document was generated on Sep 20, 2024