



**Part Number :** 1731100004  
**Product Description :** FCT Standard-Density Waterproof D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Plastic Watertight Frame, 9 Circuits, Red Insulator  
**Series Number :** 173110  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FWDR09P



## 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(2024)4144-DC (27 June 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, Solder Cup, Gold Plating, Plastic Watertight Frame, 9 Circuits, Red Insulator
IP Rating	IP67
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056319126

## Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

## Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Red
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	9.800/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

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## Mates With / Use With

### Mates with Part(s)

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

### Use with Part(s)

Description	Part Number
Use With	FCT D-Sub Dust Caps

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