This document was generated on 02/01/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 1731100024

Status: Active

Overview: FCT D-Sub Connectors

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, 9 Circuits, Red Insulator



Series image - Reference only

Documents:

Datasheet (PDF)
Brochure (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	D-Sub Products
Series	173110
IP Rating	IP67
Overview	FCT D-Sub Connectors
Product Category	D-Sub Connector
Product Name	FCT Products
Taxonomy	D-Sub Connectors
Type	Standard Density
UPC	889056324960
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	10.100/g
Number of Rows	2
Orientation	Straight
PC Tail Length	11.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
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
Shielded	Yes
Temperature Range - Operating	-25° to +70°C
Termination Style	Through Hole
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
Electrical	
Current - Maximum per Contact	7.5A

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 6(c)

China RoHS

REACH SVHC
Contained Per - D(2022)4187-DC (10 June 2022)
Lead

Halogen-Free Status
Not Relevant

For more information, please visit Contact US

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
173110 Series

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

Use With
FCT D-Sub Dust Caps

Material Info

Engineering Number	FWDR09P1

This document was generated on 02/01/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION