

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1731100005](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Standard-Density Waterproof D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Plastic Watertight Frame, 9 Circuits, Red Insulator

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	889056319133

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Red
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	10.300/g
Number of Rows	2
Orientation	Straight
PCB Locator	No
PCB Retention	None
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
Ports	1
Shielded	Yes
Temperature Range - Operating	-25° to +70°C
Termination Style	Solder Cup
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
Wire Size AWG	20

Electrical

Current - Maximum per Contact	7.5A
-------------------------------	------

Material Info

Engineering Number	FWDR09S
--------------------	---------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)

Lead

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[173110 Series](#)

Mates With

FCT Standard Density D-Sub, Size 1, 9
Position, Plug

Use With

FCT D-Sub Dust Caps

This document was generated on 01/02/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Molex manufacturer:](#)

Other Similar products are found below :

[0000 11 01](#) [0002091117](#) [00029P0126](#) [0003062041](#) [00-0463](#) [0004700001](#) [00053P0231](#) [00-0820](#) [00-0824](#) [00-0920](#) [00-0921](#) [00-0922](#)
[0009500000](#) [0009507041](#) [0009652039](#) [0010633024](#) [0011030043](#) [HT60923A](#) [0011184001](#) [0011184003](#) [00136](#) [00137](#) [0014563224](#) [00-1470](#)
[00-1480](#) [00-1490](#) [0015286142](#) [0015453208](#) [0015477514](#) [0015477618](#) [0015477624](#) [0015477632](#) [0015800107](#) [0015917161](#) [00-1921](#) [00-](#)
[1922](#) [00-1923](#) [00-1924](#) [00-1925](#) [0022102161](#) [0022121062](#) [0022121102](#) [0022173242](#) [00-2240](#) [0026482241](#) [0026584246](#) [0026607030](#)
[0026612090](#) [0026613060](#) [00-3063](#) [00-3073](#)