

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1731090168](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Standard-Density D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, 500 Mating Cycles, Riveted Metal Bracket and Clinch Nut, 25 Circuits

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	D-Sub Products
Series	173109
IP Rating	IP20
Overview	FCT D-Sub Connectors
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Standard Density
UPC	889056486507

Physical

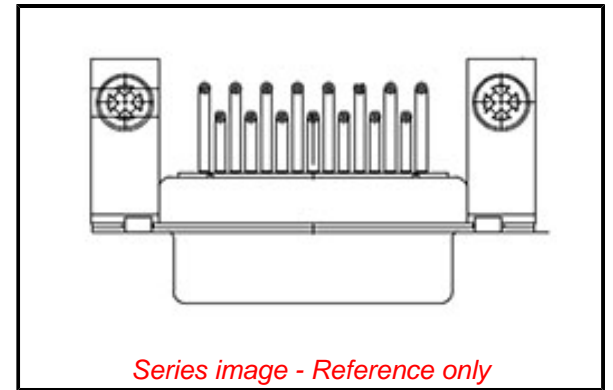
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	White
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	15.000/g
Number of Rows	2
Orientation	Right-Angle
PC Tail Length	11.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.54mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +125°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Electrical

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

Material Info

Engineering Number	F25P5G1-1002
--------------------	--------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c),6(a)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
lead

Halogen-Free

Status

Not Reviewed

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

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[173109 Series](#)

Mates With

FCT Standard-Density D-Sub, Size 3, 25
Position, Socket

This document was generated on 10/28/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION