

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1731071286](#)
Status: **Active**
Overview: FCT D-Sub Connectors
Description: FCT Mixed Layout D-Sub Connector, Male, Straight, PCB Through Hole, Gold over Nickel Phosphorus Plating, Tin-plated Shell with Dimples, 9 Circuits, 5 Signal Contacts Loaded

Documents:

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

General

Product Family	D-Sub Products
Series	173107
Datasheet Order No	987652-0531
Exclude SD Check	Yes
IP Rating	IP20
Overview	<u>FCT D-Sub Connectors</u>
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Mixed Layout
UPC	191130143719

Physical

Circuits (Loaded)	5
Circuits (maximum)	9
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	12.000/g
Number of Rows	2
Orientation	Straight
PC Tail Length	10.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel Phosphorus
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +130°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Electrical

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



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[173107 Series](#)

Mates With

FCT Mixed Layout D-Sub, Size 3, 9W4, Socket

Use With

FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts

Material Info
Engineering Number

FM9W4P1A-K120

This document was generated on 06/26/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION