

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1731070091](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Mixed Layout D-Sub Connector, Male, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 7 Circuits, 5 Signal Contacts Loaded

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

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

General

Product Family	D-Sub Products
Series	173107
IP Rating	IP20
Overview	FCT D-Sub Connectors
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Mixed Layout
UPC	889056324687

Physical

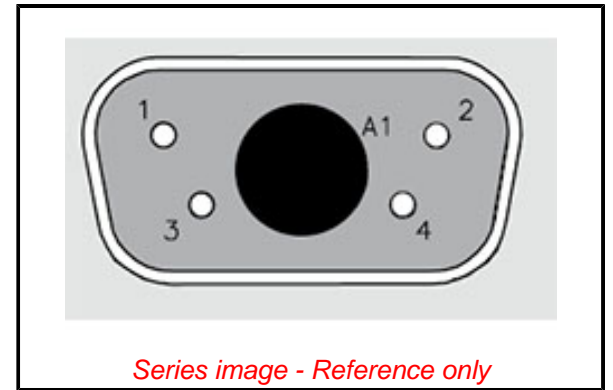
Circuits (Loaded)	5
Circuits (maximum)	7
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	6.000/g
Number of Rows	2
Orientation	Straight
PC Tail Length	10.30mm
PCB Locator	No
PCB Retention	None
PCB 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
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
-------------------------------	------

Material Info

Engineering Number	FM7W2P1-K120
--------------------	--------------



EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Contained Per -
ED/71/2019 (16 July
2019)

lead

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[173107 Series](#)

Mates With

FCT Mixed Layout D-Sub, Size 2, 7W2,
Socket

Use With

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

This document was generated on 07/27/2021

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 [D-Sub Mixed Contact Connectors](#) category:

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

Other Similar products are found below :

[790-025SF-5P5NMN](#) [790-025SJ-7P7NML](#) [DAM-7W2PC](#) [L717TWB5W5P3R](#) [L717TWB5W5PRM84](#) [L717TWP3W3P](#)
[3003W3PXX56N40X](#) [3005W5PXX99E40X](#) [3005W5SXX99A30X](#) [3005W5SXX99E40X](#) [3013W6SCM99A10X](#) [3036W4PCM41A10X](#)
[3036W4SCM99A10X](#) [FCE17-E2W2SS-2N0](#) [212522-7](#) [PII-468-1](#) [3003W3PXX43A10X](#) [3003W3SXX56N40X](#) [3005W5PXX88N40X](#)
[3007W2PAR71E20X](#) [3008W8SXX57A30X](#) [3009W4PCT57P20X](#) [3011W1SXX99A10X](#) [3017W2SAR69C40X](#) [321WA4PXX99A60X](#)
[3F3SSC22S41A30X](#) [L717TWA7W2PP2SY3R](#) [DBM-17W2S-1A8N-A190-A197-1](#) [421WA4PCR50E20X](#) [09691009009](#) [09691100022500](#)
[09693009176](#) [09692009147](#) [09693909015](#) [6017W2PCM41B30X](#) [790-061SH-36W2NMNA](#) [790-044SE-7P3MNPB](#) [790-043PE-11P2MPA](#)
[790-043PB-2P2MPB](#) [790-029SB-2P2MEPA](#) [790-028PK-9P9MPA](#) [790-028PH-54P2MGA](#) [790-028PH-36P2MNA](#) [790-028PB-2P2MPA](#) [790-](#)
[027SH-5W5MTEP](#) [790-026PH-54P2ZNUG](#) [790-026PH-54P2MP](#) [790-026PH-36P2ZNUG](#) [790-026PH-36P2MG](#) [790-026PD-3P3MP](#)