

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1727040035](#)
Status: **Active**
Overview: FCT D-Sub Connectors
Description: FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell with Dimples, 7 Circuits, 5 Signal Contacts Loaded

Documents:

[Drawing \(PDF\)](#) [Brochure \(PDF\)](#)
[Datasheet \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

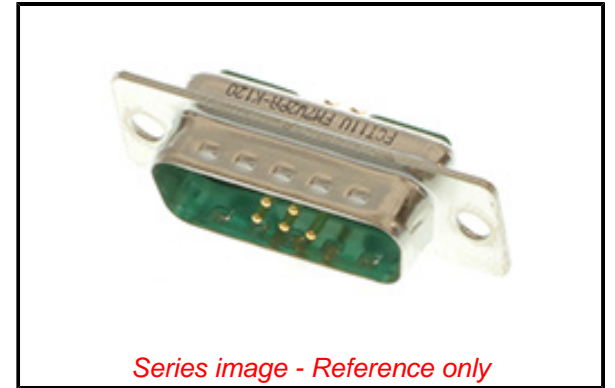
Product Family	D-Sub Products
Series	172704
IP Rating	IP20
Overview	FCT D-Sub Connectors
Product Category	D-Sub Connector
Product Name	FCT Products
Taxonomy	D-Sub Connectors
Type	Mixed Layout
UPC	889056019460

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	6.100/g
Number of Rows	2
Orientation	Straight
PC Tail Length	7.40mm
PCB Locator	No
PCB Retention	None
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	No
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +130°C
Termination Style	Solder
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size AWG	20

Electrical

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



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

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[172704 Series](#)

Mates With

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

Use With

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

Material Info

Engineering Number

FM7W2PA-K120

Reference - Drawing Numbers

Sales Drawing

1727040035-000

This document was generated on 01/02/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION