



**Part Number :** [1731070170](#)

**Product Description :** FCT Mixed Layout D-Sub Crimp Housing, Male, Tin-plated Shell with Dimples, 7 Circuits, 5 Unloaded Signal Contact Positions, Black Insulator

**Series Number :** 173107

**Status :** Active

**Product Category :** D-Sub Connectors

**Engineering Number :** FL7W2P7-K120



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## Documents & Resources

### Drawings

[Drawing 1731070170\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	D-Sub Connectors
Series	173107
Description	FCT Mixed Layout D-Sub Crimp Housing, Male, Tin-plated Shell with Dimples, 7 Circuits, 5 Unloaded Signal Contact Positions, Black Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056485463

### Electrical

Shielded	Yes
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### Physical

Circuits (Loaded)	0
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Male
Material - Resin	PBT
Material - Shell	Steel
Net Weight	5.300/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange

PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-55° to +115°C
Waterproof / Dustproof Type	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	18, 20, 22, 24, 26, 28

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 2, 7W2, Socket

### Use with Part(s)

Description	Part Number
Use With	FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts