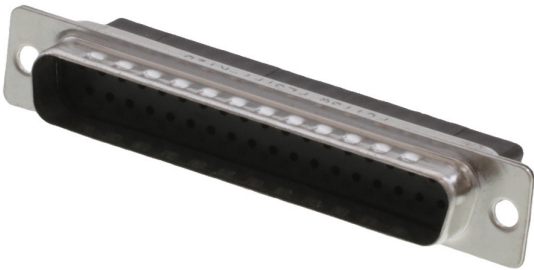




**Part Number :** [1727040005](#)  
**Product Description :** FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 37 Circuits, Black Front and Rear Insulator  
**Series Number :** 172704  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FL37P7-K120



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## Documents & Resources

**Drawings**  
[1727040005\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	172704
Description	FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 37 Circuits, Black Front and Rear Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019064

### Electrical

Shielded	Yes
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### Physical

Circuits (Loaded)	0
Circuits (maximum)	37
Color - Resin	Black
Gender	Male
Material - Resin	PBT, Polyamide
Material - Shell	Steel
Net Weight	11.200/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
Termination Style	Crimp
Waterproof / Dustproof	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 Standard-Density D-Sub, Size 4, 37 Position, Socket

### Use with Part(s)

Description	Part Number
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120200</u>
FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120201</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120202</u>