



Part Number : [1727040001](#)
Product Description : FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FL15P7-K120



Documents and Resources

Drawings

[1727040001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

[Industry Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	D-Sub Connectors
Series	172704
Description	FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019026

Electrical

Shielded	Yes
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Physical

Circuits (Loaded)	0
Circuits (maximum)	15
Color - Resin	Black
Gender	Male
Material - Resin	Polybutylene Terephthalate (PBT), Polyamide (PA)
Material - Shell	Steel
Net Weight	6.000/g

Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shell Size	2
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 15 Circuits, White Insulator	<u>1731090069</u>
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 15 Circuits, White Insulator	<u>1727040168</u>

Use with Part(s)

Description	Part Number
FCT Metal Backshell for D-Sub	<u>1727040098</u>

Connector, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Large Diameter Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	<u>1731110060</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	<u>1727040097</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, 45° Angle Large Diameter Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	<u>1731110061</u>
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 2, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing	<u>1727040194</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	<u>1731110194</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet	<u>1731110290</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Knurled Thumb Screws	<u>1731110082</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing,	<u>1731110264</u>

with #4-40 Locking Screws	
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, Extra Large Inner Chamber, with Double Cable Clamps and #4-40 Locking Screws	<u>1731110185</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, with Rubber Bushing	<u>1731110087</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Dual 65° Angle Cable Outlets, with #4-40 Locking Screws	<u>1731110096</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Large Diameter Cable Outlet, Extra Large Inner Chamber, with Double Cable Clamps and #4-40 Locking Screws	<u>1731110184</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed	<u>1727040116</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	<u>1731110252</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, 80° Angle Large Diameter Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	<u>1731110373</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight or 90° Angle Cable Outlet, Flat Body, with Grip Cover and #4-40 Locking Screws, Individual Packing	<u>1727040115</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight	<u>1731110623</u>

Cable Outlet, with Rubber Bushing, Hood Snapped Together	
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight or 90° Angle Cable Outlet, Flat Body, with Grip Cover and #4-40 Locking Screws	<u>1731110362</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120202</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces	<u>1731120720</u>
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 22-18 AWG, 500 Pieces	<u>1731120203</u>
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120200</u>
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 24-20 AWG, 5000 Pieces	<u>1731120716</u>
FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 24-20 AWG, 5000 Pieces	<u>1731120718</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 28-26 AWG, 5000 Pieces	<u>1731120724</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 28-26 AWG, 500 Pieces	<u>1731120208</u>
FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 24-20 AWG, 500 Pieces	<u>1731120201</u>
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 28-26 AWG, 5000 Pieces	<u>1731120722</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 1000 Pieces	<u>1731120719</u>
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating,	<u>1731120753</u>

22-18 AWG, 1000 Pieces	
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 28-26 AWG, 500 Pieces	<u>1731120206</u>
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 28-26 AWG, 1000 Pieces	<u>1731120723</u>

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