



Part Number : [1727040010](#)
Product Description : FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FL09S7-K121



Documents and Resources

Drawings

[1727040010_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	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019118

Electrical

Shielded	Yes
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Physical

Circuits (Loaded)	0
Circuits (maximum)	9
Color - Resin	Black
Gender	Female
Material - Resin	PBT
Material - Shell	Steel
Net Weight	4.800/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
Polarized to PCB	No
Ports	1
Shell Size	1
Temperature Range - Operating	-55° to +125°C
Termination Style	Crimp
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator	<u>1727040009</u>

Use with Part(s)

Description	Part Number
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner	<u>1727040096</u>

Chamber, with Rubber Bushing and #4-40 Locking Screws	
FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	<u>1727040095</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and M3 Hex Knurled Thumb Screws	<u>1731110299</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing and M3 Locking Screws	<u>1731110183</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Knurled Thumb Screws	<u>1731110081</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing	<u>1731110086</u>
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing	<u>1727040105</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet	<u>1731110255</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Flat Body, with #4-40 Locking Screws, Individual Packing	<u>1727040111</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner	<u>1731110303</u>

Chamber, with Rubber Bushing	
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	<u>1731110244</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	<u>1731110235</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, 45° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Hood Snapped Together	<u>1731110670</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Knurled Thumb Screws, Individually Packed	<u>1731110132</u>
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet	<u>1731110204</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 40° Angle Cable Outlet, with Extended Inner Chamber	<u>1731110601</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Individually Packed	<u>1727040110</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed	<u>1727040109</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking	<u>1727040112</u>

Screws, Individually Packed	
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, with Rubber Bushing and #4-40 Knurled Thumb Screws	<u>1727040182</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing	<u>1727040192</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Flat Body, with #4-40 Locking Screws	<u>1731110221</u>
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Dual 65° Angle Cable Outlets, with #4-40 Locking Screws	<u>1731110095</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, with #4-40 Knurled Thumb Screws	<u>1731110256</u>
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 40° Angle Cable Outlet	<u>1731110168</u>
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet, Individually Packed	<u>1731110019</u>

This document was generated on Apr 14, 2026