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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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

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
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

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	1727040009

Use with Part(s)

Description	Part Number
FCT Metal Backshell for D-Sub Connector, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing	1727040096

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

FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	1731110244
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	1731110235
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	1731110670
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	1731110132
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 1, Straight Cable Outlet	1731110204
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, 40° Angle Cable Outlet, with Extended Inner Chamber	1731110601
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Individually Packed	1727040110
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	1727040109
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 1, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed	1727040112

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