Part Number : 1727040002
Product Description : FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 15 Circuits, Black Front and Rear Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FL15S7-K121



Documents and Resources

Drawings

1727040002_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, Female, Shell without Dimples, 15 Circuits, Black Front and Rear Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019033

Electrical

Shielded	Yes

Physical

Circuits (Loaded)	0
Circuits (maximum)	15
Color - Resin	Black
Gender	Female
Material - Resin	PBT, Polyamide
Material - Shell	Steel
Net Weight	6.600/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
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 Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator	1727040001

Use with Part(s)

Description	Part Number
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	1727040098
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Large Diameter Cable Outlet,	1731110060

Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws	
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	1727040097
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	1731110061
FCT Plastic Backshell for D-Sub Connector, Black, Shell Size 2, Straight Cable Outlet, IP67 Waterproof, with #4-40 Locking Screws, Individual Packing	1727040194
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	1731110194
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet	1731110290
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	1731110082
FCT Metal Backshell for D-Sub Connector, Shell Size 2, 45° Angle Cable Outlet, Large Inner Chamber, with Rubber Bushing, with #4-40 Locking Screws	1731110264
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	1731110185
FCT Metal Backshell for D-Sub	1731110087

Connector, Shell Size 2, Straight Cable Outlet, with Rubber Bushing	
FCT Metal Backshell for D-Sub Connector, Shell Size 2, Dual 65° Angle Cable Outlets, with #4-40 Locking Screws	1731110096
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	1731110184
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, Straight Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws, Individually Packed	1727040116
FCT Plastic Backshell for D-Sub Connector, Shielded, Shell Size 2, 70° Angle Cable Outlet, Large Inner Chamber, with #4-40 Locking Screws	1731110252
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	1731110373
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	1727040115
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	1731110362
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 24-20 AWG, 5000 Pieces	1731120725
FCT Machined Contact, Female,	1731120217

Crimp, 0.20µm Gold Plating, Split Tine, 22-18 AWG, 500 Pieces	
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces	1731120210
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces	1731120727
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 28-26 AWG, 500 Pieces	1731120213
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 24-20 AWG, 5000 Pieces	1731120731
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 24-20 AWG, 500 Pieces	1731120214
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 28-26 AWG, 5000 Pieces	1731120729
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 1000 Pieces	1731120726
FCT Stamped Contact, Female, Crimp, 0.80µm Gold Mating Plating, Split Tine, 24-20 AWG, 10,000 pieces on reel - Left Side Entry with Turnaround	1731121081
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 22-18 AWG, 5000 Pieces	1731121031
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 22-18 AWG, 500 Pieces	1731120211
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 22-18 AWG, 5000 Pieces	1731121034
FCT Stamped Contact, Female, Crimp, 0.80µm Gold Mating Plating, Split Tine, 28-24 AWG, 10,000 pieces on reel	1731120331
FCT Machined Contact, Female,	1731121030

Crimp, 0.20µm Gold Plating, 22-18 AWG, 1000 Pieces	
FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 24-20 AWG, 500 Pieces	1731120215
FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 24-20 AWG, 5000 Pieces	1731120733
FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, Split Tine, 28-26 AWG, 500 Pieces	1731120220
FCT Stamped Contact, Female, Crimp, 0.80µm Gold Mating Plating, Split Tine, 24-20 AWG, 10,000 pieces on reel	1731120262