Part Number : 1727040075
Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : F09P0G1



Documents and Resources

Drawings

1727040075_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1727040001-PS-000.pdf

1727040000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead; 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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 Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019866

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	White
Durability (mating cycles min)	500
Gender	Male

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Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel
Net Weight	5.300/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
PC Tail Length	7.40mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
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	Solder Cup
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	20

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 Connector, Female, Straight,	1727040078

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Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator	

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 and #4-40 Locking Screws	1727040096
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	1731110255

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Connector, Shielded, Shell Size 1, Straight Cable Outlet	
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

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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

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