molex



Part Number : 1727040102
Product Description : FCT Metal Backshell for D-Sub Connector, Shell Size 4, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws
Series Number : 172704
Status : Active
Product Category : D-Sub Backshells
Engineering Part Number : FMK4G

Documents and Resources

Drawings

1727040102_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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)6375-DC (05 Nov 2025) SCIP:9b57ad9e-307b-418e-a95f-35bbea3c472a
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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 Backshells
Series	172704
Description	FCT Metal Backshell for D-Sub Connector, Shell Size 4, Straight Cable Outlet, Large Inner Chamber, with Rubber Bushing and #4-40 Locking Screws
Magnetic	Yes
Product Name	FCT Products
Type	Rugged Metal
UPC	889056020138

Electrical

Shielded	Yes
Shield Type	Solid Metal

Physical

Cable Diameter	3.00-12.00mm
Material - Backshell	Zinc Die-cast
Material - Bushing	TPE

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Material - Screw	Steel
Mounting Style	Locking Screw
Net Weight	97.300/g
Orientation	Straight
Packaging Type	Carton
Plating - Backshell	Nickel
Temperature Range - Operating	-35° to +100°C
Thread Size	4-40 UNC
Thread Type	Standard
Tightening Test Torque	40 Ncm
Waterproof / Dustproof	No

Mates With / Use With

Use with Part(s)

Description	Part Number
FCT High-Density D-Sub Crimp Housing, Male, 62 Circuits	1731130022
FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 62 Circuits	1731130064
FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 62 Circuits	1731130065
FCT High-Density D-Sub Crimp Housing, Female, 62 Circuits	1731130076
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 37 Circuits, Black Front and Rear Insulator	1727040005
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 37 Circuits, Black Front and Rear Insulator	1727040006
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 37 Circuits, White	1731090070

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Insulator	
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 37 Circuits, White Insulator	1731090071
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator	1731090081
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator	1731090083
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, 500 Mating Cycles, 37 Circuits, White Insulator	1731090311
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, 500 Mating Cycles, 37 Circuits, White Insulator	1731090312

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