molex



Part Number : 1731110082
Product Description : 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
Series Number : 173111
Status : Active
Product Category : D-Sub Backshells
Engineering Part Number : FMK2G-K994

Documents and Resources

Drawings

1731110082_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 Reviewed per IEC 61249-2-21
REACH SVHC	Contains Decabromodiphenylether; Lead per D(2025)7771-DC (04 Feb 2026) SCIP:63331609-a559-4ef0-aa24-cc039115edd6
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

Downloaded from Arrow.com.

- 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	173111
Description	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
Magnetic	Yes
Product Name	FCT Products
Type	Rugged Metal
UPC	889056487825

Electrical

Shielded	Yes
Shield Type	Solid Metal

Physical

Cable Diameter	3.00-8.50mm
Material - Backshell	Zinc Die-cast
Material - Bushing	TPE

Downloaded from Arrow.com.

Material - Screw	Brass
Mounting Style	Knurled Thumb Screw Lock
Net Weight	56.400/g
Orientation	Straight
Packaging Type	Carton
Plating - Backshell	Nickel
Shell Size	2
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 Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator	1727040001
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 15 Circuits, Black Front and Rear Insulator	1727040002
FCT High-Density D-Sub Crimp Housing, Female, 26 Circuits	1731130100
FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 26 Circuits	1731130061
FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 26 Circuits	1731130060
FCT High-Density D-Sub Crimp Housing, Male, 26 Circuits	1731130099
FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, 0.80µm Gold Plating, with	1731130148

Downloaded from Arrow.com.

Machined Contacts, 26 Circuits	
FCT High-Density D-Sub Connector, Female, Straight, Solder Cup, 0.80µm Gold Plating, with Machined Contacts, 26 Circuits	1731130151
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 15 Circuits, White Insulator	1727040063
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 15 Circuits, White Insulator	1731090069
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 15 Circuits, White Insulator	1727040166
FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 15 Circuits, White Insulator	1727040168

Downloaded from Arrow.com.