



Part Number : [1727040037](#)
Product Description : FCT Mixed Layout D-Sub
Housing, Male, Tin-plated Shell with Dimples, 8 Circuits
Unloaded, Green Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FM8W8P-K120



Documents and Resources

Drawings

[1727040037_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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)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 Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, 8 Circuits Unloaded, Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056019484

Electrical

Shielded	Yes
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Physical

Circuits (Loaded)	0
Circuits (maximum)	8
Color - Resin	Green
Gender	Male
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel
Net Weight	9.800/g

Number of Rows	1
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shell Size	4
Temperature Range - Operating	-55° to +130°C
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 4, 8W8, Socket

Use with Part(s)

Description	Part Number
Use With	FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts

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