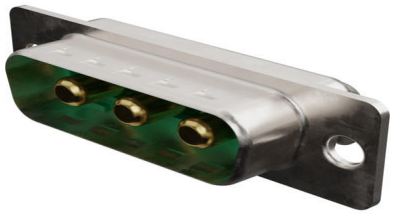
Part Number : 1731070654
Product Description : FCT Mixed Layout D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, 8.00mm Tail Length, Tin-plated Shell with Dimples, 3 Circuits Loaded (High Power), Green Insulator
Series Number : 173107
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FM3W3P-5472



Documents and Resources

Drawings

1731070654_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

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	Not Reviewed per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	173107
Description	FCT Mixed Layout D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, 8.00mm Tail Length, Tin-plated Shell with Dimples, 3 Circuits Loaded (High Power), Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130050215

Electrical

Current - Maximum per Contact	20A
Shielded	Yes

Physical

Circuits (Loaded)	3
Circuits (maximum)	3

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Color - Resin	Green
Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel
Net Weight	11.700/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PC Tail Length	8.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Shell Size	2
Temperature Range - Operating	-55° to +130°C
Termination Style	Through Hole
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 2, 3W3, Socket

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