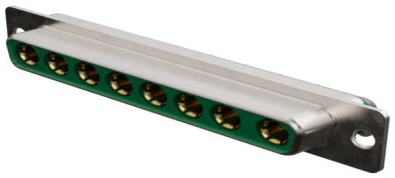
Part Number : 1731070655
Product Description : FCT Mixed Layout D-Sub Connector, Female, Right-Angle, Through Hole, Gold Plating, Tin-plated Shell, 8 Circuits Loaded (High Power), Green Insulator
Series Number : 173107
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FM8W8S-5472



Documents and Resources

Drawings

1731070655_sd.pdf

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)6375-DC (05 Nov 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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, Female, Right-Angle, Through Hole, Gold Plating, Tin-plated Shell, 8 Circuits Loaded (High Power), Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130050222

Electrical

Current - Maximum per Contact	20.0A
Shielded	Yes

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Green
Durability (mating cycles min)	500
Gender	Female

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Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	26.400/g
Number of Rows	1
Orientation	Right-Angle
Packaging Type	Carton
Panel Mount	Front or Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	Yes
PC Tail Length	8.00mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	5.000µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
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 4, 8W8, Plug

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