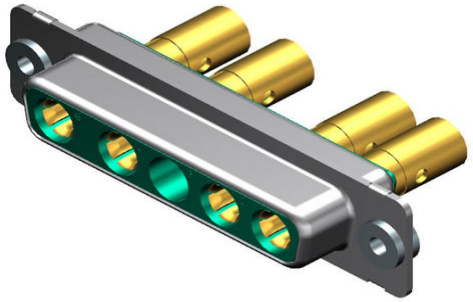
Part Number : 1731071260
Product Description : FCT Mixed Layout D-Sub Connector, Female, Straight, Crimp, Gold Plating, Tin-plated Shell, Float Mount, 5 Circuits Max, 4 High Power Crimp Contacts Included, Green Insulator
Series Number : 173107
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FMW5W5S-5950



Documents and Resources

Drawings

1731071260_sd.pdf

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
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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- 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, Straight, Crimp, Gold Plating, Tin-plated Shell, Float Mount, 5 Circuits Max, 4 High Power Crimp Contacts Included, Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130107360

Electrical

Current - Maximum per Contact	40.0A
Shielded	Yes

Physical

Circuits (Loaded)	4
Circuits (maximum)	5
Color - Resin	Green
Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel

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Net Weight	18.200/g
Number of Rows	1
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front or Rear
Panel Mount Method	Float
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	13.20mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.54mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.200µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	No
Ports	1
Shell Size	3
Temperature Range - Operating	-55° to +130°C
Termination Style	Crimp
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	8, 10

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 3, 5W5, Plug

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