



Part Number : [1731071233](#)
Product Description : FCT Mixed Layout D-Sub Connector, Female, Straight, Through Hole, Gold Plating, Tin-plated Shell, 7.00mm Snap-in Bolt, 9 Circuits Loaded (4 High Power, 5 Signal), Green Insulator
Series Number : 173107
Status : Active
Product Category : D-Sub Connectors
Engineering Number : FM9W4S1-2239



Documents & Resources

- Drawings
- [1731071233 sd.pdf](#)
 - [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 Lead per D(2024)7663-DC (21 Jan 2025)
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
- 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, Through Hole, Gold Plating, Tin-plated Shell, 7.00mm Snap-in Bolt, 9 Circuits Loaded (4 High Power, 5 Signal), Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130107094

Electrical

Current - Maximum per Contact	7.5A, 20.0A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Green
Durability (mating cycles min)	500

Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	16.400/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	Yes
PCB Retention	Yes
PC Tail Length	10.30mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel Gold/Tin over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.800µm, 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 3, 9W4, Plug

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