



Part Number : [1731071369](#)

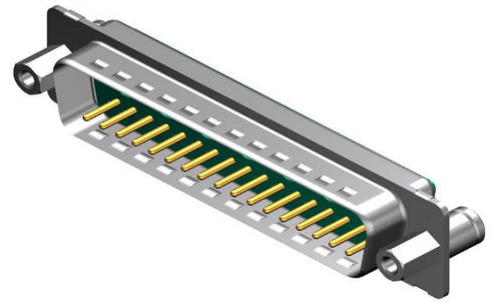
Product Description : FCT Mixed Layout D-Sub Connector, Male, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 6.30mm #4-40 Front Threaded Spacer, 6.50mm M3 Rear Threaded Spacer, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator

Series Number : 173107

Status : Obsolete

Product Category : D-Sub Connectors

Engineering Part Number : FM24W7P1-1485



Documents and Resources

Drawings

[1731071369_sd.pdf](#)

[Symbol and Footprint \(Multi-Format\)](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

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	Obsolete
Category	D-Sub Connectors
Series	173107
Description	FCT Mixed Layout D-Sub Connector, Male, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 6.30mm #4-40 Front Threaded Spacer, 6.50mm M3 Rear Threaded Spacer, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130547265

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	17
Circuits (maximum)	24
Color - Resin	Green
Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy

Material - Resin	PBT
Material - Shell	Steel
Net Weight	16.100/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Retention	Yes
PC Tail Length	10.30mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
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 5, 24W7, Socket

Use with Part(s)

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