



**Part Number :** [1731070084](#)  
**Product Description :** FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell, 21 Circuits Max, 17 Signal Contacts Loaded, Green Insulator  
**Series Number :** 173107  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FM21WA4S1-K121




Documents & Resources

**Drawings**  
[1731070084\\_sd.pdf](#)

**3D Models and Design Files**  
[1731070084\\_stp.zip](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
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

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	D-Sub Connectors
Series	173107
Description	FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, Tinned Shell, 21 Circuits Max, 17 Signal Contacts Loaded, Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056324618

#### Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

#### Physical

Circuits (Loaded)	17
Circuits (maximum)	21
Color - Resin	Green
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	13.500/g
Number of Rows	2

Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PC Tail Length	10.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 4, 21WA4, Plug

### Use with Part(s)

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

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