Part Number : 1731071299

Product Description : FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell, 5 Circuits Max, 4 Signal Contacts Loaded, Green Insulator

Series Number : 173107

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FM5W1S1-K121

Documents & Resources

Drawings

Drawing_1731071299_sd.pdf

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(2021)4569-DC (8 July 2021)
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

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, Tin-plated Shell, 5 Circuits Max, 4 Signal Contacts Loaded, Green Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	191130515646

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	4
Circuits (maximum)	5
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	4.900/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 1, 5W1, Plug

Use with Part(s)

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