Part Number : 1731140511
Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus-Plated Contacts, Tin-Plated Brass Shell, Non-Magnetic, 500 Mating Cycles, 15 Circuits, White Insulator
Series Number : 173114
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : F15P0G0-4212



Documents and Resources

Drawings

1731140511_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
- 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	173114
Description	FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus-Plated Contacts, Tin-Plated Brass Shell, Non-Magnetic, 500 Mating Cycles, 15 Circuits, White Insulator
IP Rating	IP20
Magnetic	No
Product Name	FCT Products
Type	Standard Density
UPC	191130629527

Electrical

Current - Maximum per Contact	5.0A
Shielded	Yes

Physical

Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	White
Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy

Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Brass
Net Weight	7.600/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front or Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
PC Tail Length	7.40mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel Phosphorus
Plating min - Mating	0.100µm
Plating min - Termination	0.100µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	No
Ports	1
Shell Size	2
Temperature Range - Operating	-55° to +125°C
Termination Style	Solder Cup
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Standard-Density D-Sub, Size 2, 15 Position, Socket