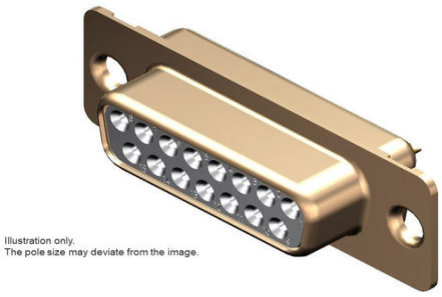
Part Number : 1731140055
Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plated Contacts, Unplated Brass Shell, Non-Magnetic, 500 Mating Cycles, 9 Circuits, White Insulator
Series Number : 173114
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : F09S0G0-1424



Documents and Resources

Drawings

1731140055_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	Contains Lead per D(2025)4165-DC (25 June 2025) SCIP:e96e265d-e1ee-4695-91d8-07a38acb0042
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

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- 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, Female, Straight, Solder Cup, Gold Plated Contacts, Unplated Brass Shell, Non-Magnetic, 500 Mating Cycles, 9 Circuits, White Insulator
IP Rating	IP20
Magnetic	No
Product Name	FCT Products
Type	Standard Density
UPC	889056739030

Electrical

Current - Maximum per Contact	5.0A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	White
Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)

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Material - Shell	Brass
Net Weight	5.900/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
Plating min - Mating	1.300µm
Plating min - Termination	1.300µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Ports	1
Shell Size	1
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 1, 9 Position, Plug

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