

Part Number : [1731092261](#)

Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 9 Circuits, Heat Resistant Natural Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Part Number : FH09S22G2-0903



Documents and Resources

Drawings

[1731092261_sd.pdf](#)

[STEP AP242](#)


[SOLIDWORKS](#)

[Creo](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:abf61059-72eb-4d02-92fb-01da349785db
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	173109
Description	FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 9 Circuits, Heat Resistant Natural Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191130979868

Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Natural
Durability (mating cycles min)	200
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PCT
Material - Shell	Steel
Net Weight	7.400/g
Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	11.70mm
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
Shell Size	1
Temperature Range - Operating	-55° to +150°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Mates With / Use With

Mates with Part(s)

Description	Part Number
-------------	-------------

FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator	<u>1727040009</u>
FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 9 Circuits, White Insulator	<u>1727040075</u>

This document was generated on Apr 29, 2026