



**Part Number :** [1731090662](#)

**Product Description :** FCT Standard-Density D-Sub Connector, Female, Wire Wrap, PCB Through Hole, 17.85mm Tail Length, Gold Plating, 500 Mating Cycles, 25 Circuits, White Insulator

**Series Number :** 173109

**Status :** Active

**Product Category :** D-Sub Connectors

**Engineering Number :** F25S4G1



---

## Documents & Resources

### Drawings

[1731090662\\_sd.pdf](#)

### 3D Models and Design Files

[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 Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2022)9120-DC (17 Jan 2023)
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, Wire Wrap, PCB Through Hole, 17.85mm Tail Length, Gold Plating, 500 Mating Cycles, 25 Circuits, White Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191128768382

### Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

### Physical

Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	White
Durability (mating cycles min)	500

Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	13.200/g
Number of Rows	2
Orientation	Wire Wrap
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PC Tail Length	17.85mm
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 +125°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 Standard-Density D-Sub, Size 3, 25 Position, Plug