

Part Number : 1731090081

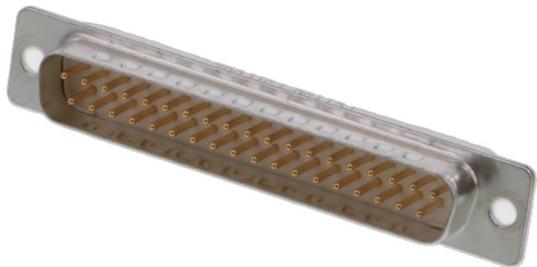
Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F37P0G2



## Documents & Resources

### Drawings

[1731090081\\_sd.pdf](#)

### 3D Models and Design Files

[1731090081\\_stp.zip](#)

## 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; pyrochlore, antimony lead yellow per D(2024)4144-DC (27 June 2024)
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

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### Part Details

#### General

Status	Active
Category	D-Sub Connectors
Series	173109
Description	FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 200 Mating Cycles, 37 Circuits, White Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056485630

#### Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

#### Physical

Circuits (Loaded)	37
Circuits (maximum)	37
Color - Resin	White
Durability (mating cycles max)	200
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	14.600/g
Number of Rows	2

Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-55° to +125°C
Termination Style	Solder Cup
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	20

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCT Standard-Density D-Sub, Size 4, 37 Position, Socket

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