

Part Number : 1727040067

Series Number : 172704

Product Category : D-Sub Connectors

Product Description : FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 25 Circuits, White Insulator

Status : Active

Engineering Number : F25P0G1

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## Documents & Resources

### Drawings

Drawing 1727040067\_sd.pdf

### 3D Models and Design Files

3D Model 1727040067\_stp.zip

### Specifications

Product Specification 1727040001-PS-000.pdf

Test Summary 1727040000-TS-000.pdf

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## 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 per D(2023)8585-DC (23 Jan 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	172704
Description	FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 25 Circuits, White Insulator
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Standard Density
UPC	889056019781

#### Electrical

Current - Maximum per Contact	7.5A
Shielded	Yes

#### Physical

Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	White
Durability (mating cycles max)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	10.600/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 3, 25 Position, Socket

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This document was generated on Jun 10, 2024