



Part Number : [1731130149](#)

Product Description : FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, with Machined Contacts, 44 Circuits

Series Number : 173113

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F25-44P0G0-0008



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## Documents & Resources

### Specifications

[Application Specification 1731130000-AS-000.pdf](#)

[Product Specification 1731130001-PS-000.pdf](#)

[Test Summary 1731130000-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(2022)9120-DC (17 Jan 2023)
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	173113
Description	FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, with Machined Contacts, 44 Circuits
IP Rating	IP20
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	High Density
UPC	191128142564

### Electrical

Current - Maximum per Contact	5.0A
Shielded	Yes

### Physical

Circuits (Loaded)	44
Circuits (maximum)	44
Color - Resin	Black
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	11.700/g
Number of Rows	3
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front or Rear

Panel Mount Method	Flange
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.98mm
Pitch - Termination Interface	1.98mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.800µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-55° to +130°C
Termination Style	Solder Cup
Waterproof / Dustproof Type	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	22

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCT High-Density D-Sub, Size 3, 44 Position, Socket