Part Number : 1731130070
Product Description : FCT High-Density D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, 62 Circuits
Series Number : 173113
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : CT37-62S1



Documents and Resources

Drawings

1731130070_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

1731120006-PK-000.pdf

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	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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	173113
Description	FCT High-Density D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, 62 Circuits
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	High Density
UPC	889056480369

Electrical

Current - Maximum per Contact	3.0A
Shielded	Yes

Physical

Circuits (Loaded)	62
Circuits (maximum)	62
Color - Resin	Black
Durability (mating cycles min)	50
Gender	Female
Material - Contact	Copper Alloy

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Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel
Net Weight	16.000/g
Number of Rows	3
Orientation	Straight
Packaging Type	Tray
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	9.50mm
Pitch - Mating Interface	1.98mm
Pitch - Termination Interface	1.98mm
Plating - Contact	Gold over Nickel
Plating - Shell	Nickel
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Shell Size	4
Temperature Range - Operating	-55° to +105°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 High-Density D-Sub, Size 4, 62 Position, Plug

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