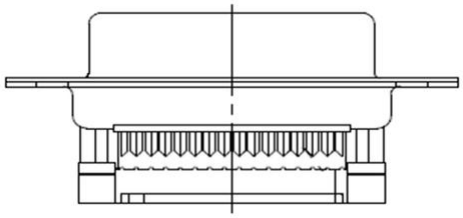
Part Number : 1731090322
Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, IDC Ribbon, 0.20µm Gold Plating, 37 Circuits, Black Insulator
Series Number : 173109
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : F37S15-K49



Documents and Resources

Drawings

1731090322_sd.pdf

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

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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- 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, Straight, IDC Ribbon, 0.20µm Gold Plating, 37 Circuits, Black Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191128069502

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes

Physical

Circuits (Loaded)	37
Circuits (maximum)	37
Color - Resin	Black
Durability (mating cycles min)	50
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)
Material - Shell	Steel
Net Weight	19.900/g
Number of Rows	2

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Orientation	Straight
Packaging Type	Tray
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.200µm
Plating min - Termination	2.000µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shell Size	4
Temperature Range - Operating	-55° to +130°C
Termination Style	IDC Ribbon
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	28

Mates With / Use With

Mates with Part(s)

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

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