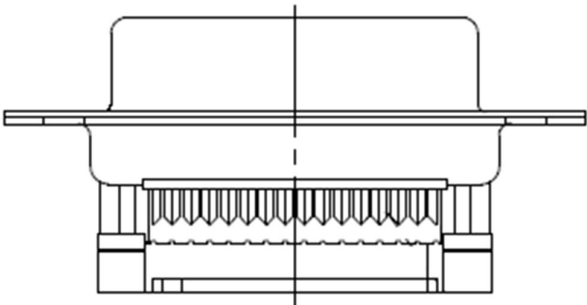# molex

Part Number : 1731090280

Product Description : FCT Standard-Density D-Sub Connector, Female, Straight, IDC Ribbon, 0.20µm Gold Plating, 15 Circuits, Black Insulator

Series Number : 173109

Status : Active

Product Category : D-Sub Connectors

Engineering Number : F15S15-K49

Documents & Resources

Specifications

1731120006-PK-000.pdf

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	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant 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)

<u>EU RoHS Certificate of Compliance</u>

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, 15 Circuits, Black Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056733649

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes

Physical

Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	Black
Durability (mating cycles max)	50
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	11.000/g
Number of Rows	2
Orientation	Straight
Packaging Type	Tray
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 min - Mating	0.200μm
Plating min - Termination	2.000μm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
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 2, 15 Position, Plug

This document was generated on Jan 27, 2025