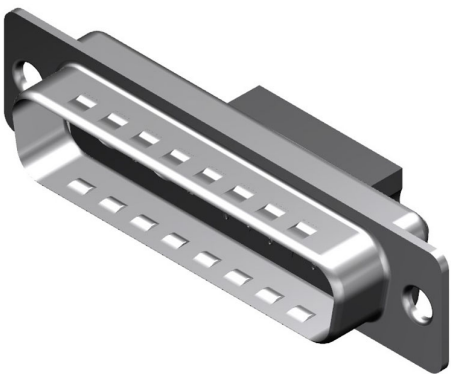# molex

Part Number : 1731070171

Product Description : FCT Mixed Layout D-Sub Crimp Housing, Male, Tin-plated Shell with Dimples, 13 Circuits Unloaded, 10 Signal Contact Positions, Black Insulator

Series Number : 173107

Status : Active

Product Category : D-Sub Connectors

Engineering Number : FL13W3P7-K120

Documents & Resources

Drawings
Drawing_1731070171_sd.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)4144-DC (27 June 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	173107
Description	FCT Mixed Layout D-Sub Crimp Housing, Male, Tin-plated Shell with Dimples, 13 Circuits Unloaded, 10 Signal Contact Positions, Black Insulator
IP Rating	IP20
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056485470

Electrical

Shielded	Yes

Physical

Circuits (Loaded)	0
Circuits (maximum)	13
Color - Resin	Black
Durability (mating cycles max)	500
Gender	Male
Material - Resin	PBT
Material - Shell	Steel
Net Weight	7.600/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 - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-55° to +115°C
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	18, 20, 22, 24, 26, 28

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 3, 13W3, Socket

Use with Part(s)

Description	Part Number
Use With	FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts

This document was generated on Sep 19, 2024