Part Number : 1727040007
Product Description : FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 50 Circuits, Black Front and Rear Insulator
Series Number : 172704
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FL50P7-K120



Documents and Resources

Drawings

1727040007_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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

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- 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	172704
Description	FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 50 Circuits, Black Front and Rear Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056019088

Electrical

Shielded	Yes

Physical

Circuits (Loaded)	0
Circuits (maximum)	50
Color - Resin	Black
Gender	Male
Material - Resin	PBT
Material - Shell	Steel
Net Weight	12.500/g
Number of Rows	3

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Orientation	Straight
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	No
Ports	1
Shell Size	5
Temperature Range - Operating	-55° to +125°C
Termination Style	Crimp
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Standard-Density D-Sub, Size 5, 50 Position, Socket

Use with Part(s)

Description	Part Number
FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 24-20 AWG, 500 Pieces	1731120200
FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 24-20 AWG, 500 Pieces	1731120201
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces	1731120202

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