Part Number : 1731120145
Product Description : FCT High Voltage Contact, Male, Straight, PCB Through Hole, 1.30µm Gold Mating Plating, 1.3µm Gold Termination Plating, with Plastic Retention Clip, 2.0A
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMV005P107K



Documents & Resources

Drawings

1731120145_sd.pdf

Symbol and Footprint (Multi-Format)

Specifications

1731120009-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	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) 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
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT High Voltage Contact, Male, Straight, PCB Through Hole, 1.30µm Gold Mating Plating, 1.3µm Gold Termination Plating, with Plastic Retention Clip, 2.0A
Contact Type	High Voltage
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056489003

Electrical

Current - Maximum per Contact	2.0A

Physical

Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Insulator	PTFE
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold
Material - Retaining Clip	PEI

Net Weight	0.400/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	1.300µm
Plating min - Termination	1.300µm
Temperature Range - Operating	-55° to +125°C
Termination Style	Through Hole

Mates With / Use With

Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

Application Tooling

Global

Description	Part Number
FCT Removal Tool for Size 8 Contacts	1731121747
