Part Number : 1731120461

Product Description : FCT High Voltage Contact, Female, Straight, PCB Press-Fit, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, with Plastic Retention Clip, 30.0A, 10-12 AWG

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP166S143K

Documents & Resources

Drawings

Drawing_1731120461_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	Contains Lead per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant with Exemption 6(c) 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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT High Voltage Contact, Female, Straight, PCB Press-Fit, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, with Plastic Retention Clip, 30.0A, 10-12 AWG
Contact Type	High Power
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	191128237635

Electrical

Current - Maximum per Contact	30.0A

Physical

Durability (mating cycles max)	200
Gender	Female
Material - Contact	Copper Alloy
Material - Insulator	PTFE
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	PEI
Net Weight	1.300/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.500µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +125°C
Termination Style	Press-Fit
Wire Size (AWG)	10, 12

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