Part Number : 1731120758
Product Description : FCT High Power Contact, Female, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 20.0A, 12-10 AWG
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMP062S104



Documents & Resources

Drawings

1731120758_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

1731120008-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	Not Reviewed per D(2025)4165-DC (25 June 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 Power Contact, Female, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 20.0A, 12-10 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128868181

Electrical

Current - Maximum per Contact	20.0A

Physical

Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel

Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	2.800/g
Orientation	Right-Angle
Packaging Type	Bag
Plating min - Mating	0.800µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Through Hole
Wire Size (AWG)	10, 12

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
