Part Number : 1731120163
Product Description : FCT High Power Contact, Female, Right-Angle, PCB Through Hole, 0.10µm Gold over Nickel Phosphorus Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 4.05mm PCB Drilling Diameter
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMP009S203



Documents & Resources

Drawings

1731120163_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(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 Power Contact, Female, Right-Angle, PCB Through Hole, 0.10µm Gold over Nickel Phosphorus Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 4.05mm PCB Drilling Diameter
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056489188

Electrical

Current - Maximum per Contact	40.0A

Physical

Durability (mating cycles min)	500
Gender	Female

Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	2.600/g
Orientation	Right-Angle
Packaging Type	Bag
Plating min - Mating	0.100µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +155°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
