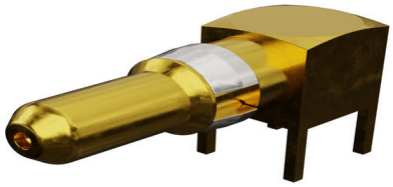
Part Number : 1731120676
Product Description : FCT High Power Contact, Male, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, 40.0A, 12-10 AWG
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMP057P103



Documents & Resources

Drawings

1731120676_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	Contains Lead per D(2023)3788-DC (14 Jun 2023)
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, Male, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, 40.0A, 12-10 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128757331

Electrical

Current - Maximum per Contact	40.0A

Physical

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

Material - Plating Termination	Gold over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	2.800/g
Orientation	Right-Angle
Packaging Type	Tube
Plating min - Mating	0.800µm
Plating min - Termination	0.200µm
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
