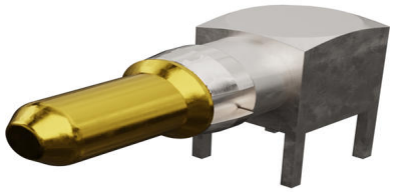
Part Number : 1727040189
Product Description : FCT High Power Contact, Male, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, 40.0A, 5.08mm Four Pronged Footprint
Series Number : 172704
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMP012P104



Documents and Resources

Drawings

1727040189_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

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; 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)6375-DC (05 Nov 2025) SCIP:5b313bbe-30bc-4c8c-b272-e661f792b7da
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

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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	172704
Description	FCT High Power Contact, Male, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, 40.0A, 5.08mm Four Pronged Footprint
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056062657

Electrical

Current - Maximum per Contact	40.0A

Physical

Durability (mating cycles min)	500
Gender	Male

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Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	2.700/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

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

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