



Part Number : 1727040190

Series Number : 172704
Product Category : D-Sub Contacts

Product Description : FCT High Power Contact, Female, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 5.08mm Four Pronged Footprint
Status : Active
Engineering Number : FMP012S104

Documents & Resources

Drawings
Drawing 1727040190_sd.pdf

3D Models and Design Files
3D Model 1727040190_stp.zip

Specifications
Packaging Specification 1731120008-PK-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2023)8585-DC (23 Jan 2024)
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	172704
Description	FCT High Power Contact, Female, Right-Angle, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 5.08mm Four Pronged Footprint
Contact Type	High Power
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056062664

Electrical

Current - Maximum per Contact	40.0A
-------------------------------	-------

Physical

Durability (mating cycles max)	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	2.500/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

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	<u>1731121747</u>
