



Part Number : 1727040149

Series Number : 172704
Product Category : D-Sub Contacts

Product Description : FCT High Power Contact, Male, Straight, Crimp, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, 30.0A, 10-12 AWG
Status : Active
Engineering Number : FMP053P103

Documents & Resources

Drawings
Drawing 1727040149_sd.pdf

3D Models and Design Files
3D Model 1727040149_stp.zip

Specifications
Application Specification 2195600660-000.pdf
Packaging Specification 1731120008-PK-000.pdf
Product Specification 2195600660-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
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, Male, Straight, Crimp, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, 30.0A, 10-12 AWG
Contact Type	High Power
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020602

Electrical

Current - Maximum per Contact	30.0A
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Physical

Durability (mating cycles max)	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	2.200/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.800µm

Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Crimp
Wire Size (AWG)	10, 12

Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, 8-Step Adjust	<u>1731121731</u>
FCT Locator for High Power Contacts	<u>1731121734</u>
FCT Removal Tool for Size 8 Contacts	<u>1731121747</u>