



Part Number : [1727040145](#)

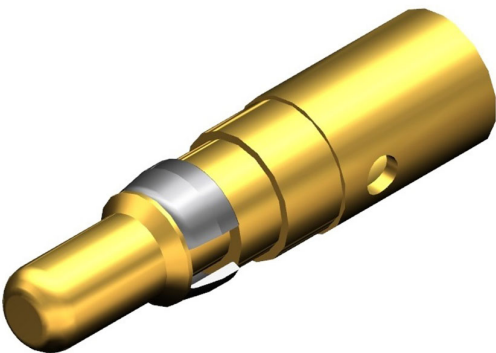
Product Description : FCT High Power Contact, Male, Straight, Crimp, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, 40.0A, 10-8 AWG

Series Number : 172704

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP004P103



Documents & Resources

Drawings

[Drawing 1727040145\\_sd.pdf](#)

3D Models and Design Files

[3D Model 1727040145\\_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(2024)4144-DC (27 June 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

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## 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, 40.0A, 10-8 AWG
Contact Type	High Power
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020565

### Electrical

Current - Maximum per Contact	40.0A
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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	2.400/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)	8, 10

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Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

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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>