



Part Number : 1727040150

Series Number : 172704

Product Category : D-Sub Contacts

Product Description : FCT High Power Contact, Female, Straight, Crimp, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, Split Tine, 10.0A, 16-20 AWG

Status : Active

Engineering Number : FMP002S103

Documents & Resources

Drawings

[Drawing 1727040150_sd.pdf](#)

Specifications

[Application Specification 2195600660-000.pdf](#)

[Packaging Specification 1731120008-PK-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44; 3; 34; 33 |
| China RoHS | Not Relevant |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Relevant |
| REACH SVHC | Contains Lead per D(2023)3788-DC (14 Jun 2023) |
| 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, Straight, Crimp, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, Split Tine, 10.0A, 16-20 AWG |
| Contact Type | High Power |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 889056020619 |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 10.0A |
|-------------------------------|-------|

Physical

| | |
|--------------------------------|------------------|
| Durability (mating cycles max) | 500 |
| Gender | Female |
| Material - Contact | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Material - Retaining Clip | Copper Alloy |
| Net Weight | 1.800/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) | 16, 18, 20 |

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> |

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