



Part Number : [1731120091](#)

Product Description : FCT High Power Contact, Male, Straight, Crimp, 0.20µm Gold Plating, 10.0A, 20-16 AWG

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP002P106

Documents & Resources

Drawings

[Drawing 1731120091_sd.pdf](#)

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

- 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 | 173112 |
| Description | FCT High Power Contact, Male, Straight, Crimp, 0.20µm Gold Plating, 10.0A, 20-16 AWG |
| Contact Type | High Power |
| Magnetic | Yes |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 889056331234 |

Electrical

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

Physical

| | |
|--------------------------------|------------------|
| Durability (mating cycles max) | 200 |
| 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 | 2.000/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Plating min - Mating | 0.200µm |
| 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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