



**Part Number :** [1731120083](#)

**Product Description :** FCT High Power Contact, Male, Straight, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, 20.0A, 3.15mm PCB Drilling Diameter

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Part Number :** FMP010P104



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## Documents and Resources

### Drawings

[1731120083\\_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

### [Industry Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT High Power Contact, Male, Straight, PCB Through Hole, 0.80µm Gold Mating Plating, 5.00µm Tin Termination Plating, 20.0A, 3.15mm PCB Drilling Diameter
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056324342

### Electrical

Current - Maximum per Contact	20.0A
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### Physical

Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	Copper Alloy

Net Weight	1.600/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.800µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Through Hole

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

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## Application Tooling

### Global

Description	Part Number
FCT Removal Tool for Size 8 Contacts	<u>1731121747</u>

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