



**Part Number :** [1731120397](#)

**Product Description :** FCT High Power Contact, Female, Straight, PCB Through Hole, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 12-10 AWG

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Number :** FMP139S115



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## Documents & Resources

### Drawings

[1731120397\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

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

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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	Contains Lead per D(2021)4569-DC (8 July 2021)
EU RoHS	Compliant with Exemption 6(c) 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, Female, Straight, PCB Through Hole, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 40.0A, 12-10 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128209588

### Electrical

Current - Maximum per Contact	40.0A
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### Physical

Durability (mating cycles min)	200
Gender	Female
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	0.500µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Through Hole
Wire Size (AWG)	10, 12

## 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>