



**Part Number :** [1727040135](#)  
**Product Description :** FCT High Voltage Contact, Female, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller  
**Series Number :** 172704  
**Status :** Active  
**Product Category :** D-Sub Contacts  
**Engineering Number :** FMV001S107K

**Documents & Resources**

**Drawings**  
[1727040135\\_sd.pdf](#)  
**Specifications**  
[1731120009-PK-000.pdf](#)

**Product Environment Compliance**

**Compliance**

GADSL/IMDS	Compliant with Exemption 3; 33; 34
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025)
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

## Part Details

### General

Status	Active
Category	D-Sub Contacts
Series	172704
Description	FCT High Voltage Contact, Female, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller
Contact Type	High Voltage
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020466

### Electrical

Current - Maximum per Contact	2.0A
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### Physical

Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Insulator	PTFE
Material - Plating Mating	Gold over Nickel
Material - Retaining Clip	PEI
Net Weight	0.600/g
Orientation	Straight

Packaging Type	Bag
Plating min - Mating	1.300µm
Temperature Range - Operating	-55° to +125°C
Termination Style	Solder Cup
Wire Size (AWG)	20

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
FCT High Voltage Contact, Male, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller	<a href="#"><u>1727040134</u></a>

### Use with Part(s)

Description	Part Number
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator	<a href="#"><u>1731070070</u></a>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 9 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	<a href="#"><u>1731070062</u></a>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 7 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	<a href="#"><u>1731070060</u></a>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 11 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	<a href="#"><u>1727040012</u></a>
FCT Mixed Layout D-Sub Housing,	<a href="#"><u>1727040032</u></a>

Female, Tin-plated Shell, 3 Circuits Unloaded, Green Insulator	
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 3 Circuits Unloaded, Black Insulator	<u>1731070058</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 13 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	<u>1731070064</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 17 Circuits Max, 15 Signal Contacts Loaded, Green Insulator	<u>1731070066</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 5 Circuits Unloaded, Green Insulator	<u>1727040034</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell without Dimples, 9 Circuits Max, 5 Signal Contacts Loaded	<u>1731070240</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 27 Circuits Max, 25 Signal Contacts Loaded, Green Insulator	<u>1727040030</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 2 Circuits Unloaded, Black Insulator	<u>1727040042</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 8 Circuits Unloaded, Green Insulator	<u>1727040038</u>

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## Application Tooling

### Global

Description	Part Number

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