



**Part Number :** [1731120188](#)  
**Product Description :** FCT Coaxial Contact, 3 Pins,  
Male, Straight, PCB Through Hole, 75 Ohms, 1.30µm  
Gold Plating  
**Series Number :** 173112  
**Status :** Active  
**Product Category :** D-Sub Contacts  
**Engineering Number :** FME005P102



## Documents & Resources

### Drawings

[1731120188 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[1731120009-PK-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>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(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant with Exemption 6(c) per<br>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 Coaxial Contact, 3 Pins, Male, Straight, PCB Through Hole, 75 Ohms, 1.30µm Gold Plating |
| Contact Type | Coaxial                                                                                     |
| Magnetic     | Yes                                                                                         |
| Product Name | FCT Products                                                                                |
| Type         | Mixed Layout                                                                                |
| UPC          | 889056489430                                                                                |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Impedance                     | 75Ω  |

### Physical

|                                |                  |
|--------------------------------|------------------|
| Durability (mating cycles min) | 500              |
| Gender                         | Male             |
| Material - Contact             | Copper Alloy     |
| Material - Plating Mating      | Gold over Nickel |

|                                |                       |
|--------------------------------|-----------------------|
| Material - Plating Termination | Gold over Nickel      |
| Net Weight                     | 1.000/g               |
| Orientation                    | Straight              |
| Packaging Type                 | Adhesive Tape on Reel |
| Plating min - Mating           | 1.300µm               |
| Plating min - Termination      | 0.200µm               |
| Temperature Range - Operating  | -55° to +135°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> |