



**Part Number :** 1731120194

**Series Number :** 173112

**Product Category :** D-Sub Contacts

**Product Description :** FCT Coaxial Contact, 3 Pins, Female, Right-Angle, PCB Through Hole, 75 Ohms, 1.30µm Gold Plating

**Status :** Active

**Engineering Number :** FME001S102

---

## Documents & Resources

### Drawings

Drawing 1731120194\_sd.pdf


### Specifications

Packaging Specification 1731120009-PK-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(2022)9120-DC (17 Jan 2023)  |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863   |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- 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 Coaxial Contact, 3 Pins, Female, Right-Angle, PCB Through Hole, 75 Ohms, 1.30µm Gold Plating |
| Contact Type   | Coaxial  |
| Product Family | FCT D-Sub Connectors   |
| Product Name   | FCT Products   |
| Type           | Mixed Layout   |
| UPC            | 889056489492   |

### Electrical

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

### Physical

|                                |                  |
|--------------------------------|------------------|
| Durability (mating cycles max) | 500              |
| Gender                         | Female           |
| Material - Contact             | Copper Alloy     |
| Material - Plating Mating      | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Net Weight                     | 3.600/g          |
| Orientation                    | Right-Angle      |
| Packaging Type                 | Tube             |
| Plating min - Mating           | 1.300µm          |
| Plating min - Termination      | 0.200µm          |
| Temperature Range - Operating  | -55° to +135°C   |
| Termination Style              | Through Hole     |

---

Use with Part(s)

| Description | Part Number                 |
|-------------|-----------------------------|
| Use With    | FCT Mixed Layout Connectors |

---

Application Tooling

Global

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

---