



Part Number : 1731120821

Series Number : 173112

Product Category : D-Sub Contacts

Product Description : FCT Coaxial Contact, 3 Pins, Female, Straight, PCB Through Hole, 75 Ohms, 0.20µm Gold Plating

Status : Active

Engineering Number : FME005S101

Documents & Resources

Drawings

Drawing 1731120821\_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         | Not Reviewed per D(2023)8585-DC (23 Jan 2024)                                         |
| 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, Straight, PCB Through Hole, 75 Ohms, 0.20µm Gold Plating |
| Contact Type   | Coaxial                                                                                       |
| Product Family | FCT D-Sub Connectors                                                                          |
| Product Name   | FCT Products                                                                                  |
| Type           | Mixed Layout                                                                                  |
| UPC            | 191128907323                                                                                  |

### 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 | Tin over Nickel       |
| Net Weight                     | 3.600/g               |
| Orientation                    | Straight              |
| Packaging Type                 | Adhesive Tape on Reel |
| Plating min - Mating           | 0.200µm               |
| Plating min - Termination      | 5.000µm               |
| Temperature Range - Operating  | -55° to +135°C        |
| Termination Style              | Through Hole          |

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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<br>Contacts | <u>1731121747</u> |

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