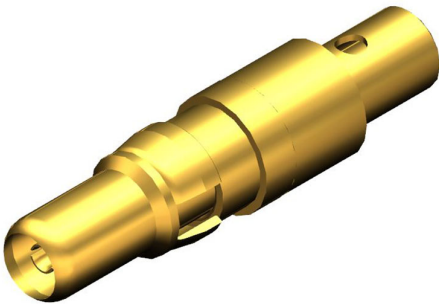# molex

**Part Number :** 1731120474

**Product Description :** FCT Coaxial Contact, Male, Straight, Crimp, 75 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-179BU or RG-187AU Cable

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Number :** FMX003P102L

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## Documents & Resources

### Drawings

1731120474_sd.pdf

### Specifications

2195600660-000.pdf
1731120009-PK-000.pdf
2195600660-000.pdf

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## 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(2024)4144-DC (27 June 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, Male, Straight, Crimp, 75 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-179BU or RG-187AU Cable |
| Contact Type | Coaxial |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 191128237741 |

### Electrical

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

### Physical

| Durability (mating cycles max) | 500 |
|---|---|
| Gender | Male |
| Material - Contact | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Net Weight | 1.100/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Plating min - Mating | 1.300µm |

| | |
|---|---|
| Plating min - Termination | 0.200μm |
| Temperature Range - Operating | -55° to +135°C |
| Termination Style | Solder/Crimp |
| Wire/Cable Type | RG-179BU, RG-187AU |

## Use with Part(s)

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

## Application Tooling

### Global

| Description | Part Number |
|---|---|
| FCT Hand Crimp Tool, Hex Die, Open Frame | 1731121732 |
| FCT Locator for Coaxial Contacts | 1731121735 |
| FCT Removal Tool for Size 8 Contacts | 1731121747 |

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