



**Part Number :** [1731120052](#)

**Product Description :** FCT Coaxial Contact, Male, Straight, Crimp, 50 Ohms, 1.30µm Gold Plating, for RG-316U Double Braided Cable

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Number :** FMS006P102



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## Documents & Resources

### Drawings

[1731120052\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### 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         | 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(2024)7663-DC (21 Jan 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

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## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | D-Sub Contacts   |
| Series       | 173112   |
| Description  | FCT Coaxial Contact, Male, Straight, Crimp, 50 Ohms, 1.30µm Gold Plating, for RG-316U Double Braided Cable |
| Contact Type | Coaxial  |
| Magnetic     | Yes  |
| Product Name | FCT Products   |
| Type         | Mixed Layout   |
| UPC          | 889056322935   |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Impedance                     | 50Ω  |

### 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                     | 1.300/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              | Crimp                  |
| Wire/Cable Type                | RG-316U Double Braided |

## 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 Hand Crimp Tool, Mini Frame, 8-Step Adjust | <a href="#"><u>1731121730</u></a> |
| FCT Hand Crimp Tool, Hex Die, Open Frame       | <a href="#"><u>1731121732</u></a> |
| FCT Locator for Size 8 Contacts, Coax          | <a href="#"><u>1731121738</u></a> |
| FCT Removal Tool for Size 8 Contacts           | <a href="#"><u>1731121747</u></a> |