



**Part Number :** [1731120051](#)

**Product Description :** FCT Coaxial Contact, Female, Straight, Crimp, 50 Ohms, 1.30µm Gold Plating, for RG-174U, RG-188AU, or RG-316U Cable

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Number :** FMS001S102



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## Documents & Resources

### Drawings

[1731120051\\_sd.pdf](#)

3D Models and Design Files

[1731120051\\_stp.zip](#)

### 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, Female, Straight, Crimp, 50 Ohms, 1.30µm Gold Plating, for RG-174U, RG-188AU, or RG-316U Cable
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056322928

### Electrical

Current - Maximum per Contact	2.0A
Impedance	50Ω

### Physical

Durability (mating cycles min)	200
Gender	Female
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel

Net Weight	1.500/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-174U, RG-188AU, RG-316U

## 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 Coaxial Contacts	<a href="#"><u>1731121735</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>