



Part Number : [1731120180](#)

Series Number : 173112

Product Category : D-Sub Contacts

Product Description : FCT Coaxial Contact, Male, Straight, Crimp, 75 Ohms, 1.30µm Gold Plating, for RG-180BU Cable

Status : Active

Engineering Number : FMS003P102

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## Documents & Resources

### Drawings

[Drawing 1731120180\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 1731120180\\_stp.zip](#)

### Specifications

[Application Specification 2195600660-000.pdf](#)


[Packaging Specification 1731120009-PK-000.pdf](#)

[Product Specification 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	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

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## Part Details

### General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT Coaxial Contact, Male, Straight, Crimp, 75 Ohms, 1.30µm Gold Plating, for RG-180BU Cable
Contact Type	Coaxial
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056489355

### Electrical

Current - Maximum per Contact	2.0A
Impedance	75Ω

### Physical

Durability (mating cycles max)	200
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

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Termination Style	Crimp
Wire/Cable Type	RG-180BU

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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 Hand Crimp Tool, Mini Frame, 8-Step Adjust	<u>1731121730</u>
FCT Hand Crimp Tool, Hex Die, Open Frame	<u>1731121732</u>
FCT Locator for Coaxial Contacts	<u>1731121735</u>
FCT Locator for Size 8 Contacts, Coax	<u>1731121738</u>
FCT Removal Tool for Size 8 Contacts	<u>1731121747</u>

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