



Part Number : [1727040130](#)

Product Description : FCT Coaxial Contact, Male, Straight, Solder Cable Termination, 50 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-174U, RG-188AU, or RG-316U Cable

Series Number : 172704

Status : Active

Product Category : D-Sub Contacts

Engineering Part Number : FMX006P102



Documents and Resources

Drawings

[1727040130_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2195600660-000.pdf](#)

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

[2195600660-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025) SCIP:ebb2e30d-0247-4c74-b8f9-2b18bb471cc7
EU RoHS	Compliant with Exemption 6(c)

	per EU 2015/863
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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

Part Details

General

Status	Active
Category	D-Sub Contacts
Series	172704
Description	FCT Coaxial Contact, Male, Straight, Solder Cable Termination, 50 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-174U, RG-188AU, or RG-316U Cable
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020411

Electrical

Current - Maximum per Contact	2.0A
Impedance	50Ω

Physical

Durability (mating cycles min)	200
Gender	Male
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Net Weight	1.400/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-174U, RG-188AU, RG-316U

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Coaxial Contact, Female, Straight, Solder Cable Termination, 50 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-174U, RG-188AU, or RG-316U Cable	1727040133

Use with Part(s)

Description	Part Number
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 9 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	1731070061
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 7 Circuits Max, 5	1731070059

Signal Contacts Loaded, Green Insulator	
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator	<u>1731070069</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 11 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	<u>1731070102</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell with Dimples, 11 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	<u>1727040011</u>
FCT Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, 3 Circuits Unloaded, Green Insulator	<u>1727040031</u>
FCT Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, 8 Circuits Unloaded, Green Insulator	<u>1727040037</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 27 Circuits Max, 25 Signal Contacts Loaded, Green Insulator	<u>1731070112</u>
FCT Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, 5 Circuits Unloaded, Green Insulator	<u>1727040033</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 21 Circuits Max, 17	<u>1731070067</u>

Signal Contacts Loaded, Green Insulator	
FCT Mixed Layout D-Sub Housing, Male, Tin-plated Shell with Dimples, Polarized, 2 Circuits Unloaded, Black Insulator	<u>1727040041</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 5 Circuits Max, 4 Signal Contacts Loaded, Green Insulator	<u>1731070363</u>
FCT Mixed Layout D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Tin-plated Shell with Dimples, 17 Circuits Max, 15 Signal Contacts Loaded, Green Insulator	<u>1731070065</u>

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, Hex Die, Open Frame	<u>1731121732</u>
FCT Locator for Coaxial Contacts	<u>1731121735</u>
FCT Removal Tool for Size 8 Contacts	<u>1731121747</u>

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