



Part Number : [1727040133](#)
Product Description : 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
Series Number : 172704
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMX006S102



Documents and Resources

Drawings

[1727040133_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	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Contains Lead; pyrochlore, antimony lead yellow per D(2025)4165-DC (25 June 2025) SCIP:57843cc1-515c-4116-bacf-150e9e784e2d

EU RoHS	Not Compliant 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

Part Details

General

Status	Active
Category	D-Sub Contacts
Series	172704
Description	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
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020442

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	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, Male, Straight, Solder Cable Termination, 50 Ohms, 1.30µm Gold Plating, without Inspection Hole, for RG-174U, RG-188AU, or RG-316U Cable	<u>1727040130</u>

Use with Part(s)

Description	Part Number
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 3 Circuits Unloaded, Green Insulator	<u>1727040032</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 3 Circuits Unloaded, Black Insulator	<u>1731070058</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 5	<u>1727040034</u>

Circuits Unloaded, Green Insulator	
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 2 Circuits Unloaded, Black Insulator	<u>1727040042</u>
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 8 Circuits Unloaded, Green Insulator	<u>1727040038</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator	<u>1731070070</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 9 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	<u>1731070062</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell, 6.60mm Snap-in Bolt, 6.20mm Support Sleeve, 5 Circuits Loaded (High Power), Green Insulator	<u>1731070369</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 7 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	<u>1731070060</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 11 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	<u>1727040012</u>
FCT Mixed Layout D-Sub Connector, Female, Straight,	<u>1731070064</u>

Solder Cup, Gold Plating, Tin-plated Shell, 13 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 17 Circuits Max, 15 Signal Contacts Loaded, Green Insulator	<u>1731070066</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell without Dimples, 9 Circuits Max, 5 Signal Contacts Loaded	<u>1731070240</u>
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 27 Circuits Max, 25 Signal Contacts Loaded, Green Insulator	<u>1727040030</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>

This document was generated on Apr 21, 2026