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	Compliant with Exemption 44; 3; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:57843cc1-515c-4116-bacf-150e9e784e2d
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, 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

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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	1727040130

Use with Part(s)

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

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FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 2 Circuits Unloaded, Black Insulator	1727040042
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 8 Circuits Unloaded, Green Insulator	1727040038
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 24 Circuits Max, 17 Signal Contacts Loaded, Green Insulator	1731070070
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 9 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	1731070062
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	1731070369
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 7 Circuits Max, 5 Signal Contacts Loaded, Green Insulator	1731070060
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	1727040012
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 13 Circuits Max, 10 Signal Contacts Loaded, Green	1731070064

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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	1731070066
FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell without Dimples, 9 Circuits Max, 5 Signal Contacts Loaded	1731070240
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	1727040030

Application Tooling

Global

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

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