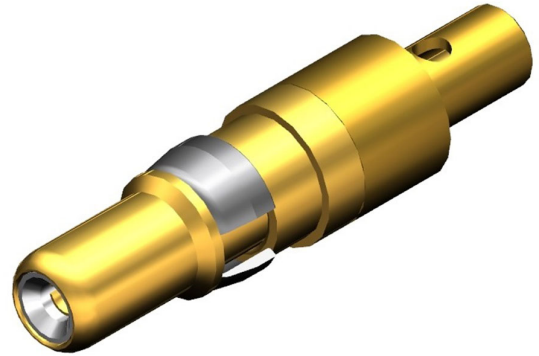# molex

Part Number : 1731120046

Product Description : FCT Coaxial Contact, Male, Straight, Solder Cable Termination, 50 Ohms, 1.30μm Gold Plating, for RG-178BU, RG-196AU, or RG-404U Cable

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMX005P102

Documents & Resources

Drawings
1731120046_sd.pdf

3D Models and Design Files
1731120046_stp.zip

Specifications
2195600660-000.pdf
1731120009-PK-000.pdf
2195600660-000.pdf

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(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC

- Low-Halogen

<u>Multiple Part Industry Compliance Documents</u>
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

<u>EU RoHS Certificate of Compliance</u>

Part Details

General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT Coaxial Contact, Male, Straight, Solder Cable Termination, 50 Ohms, 1.30μm Gold Plating, for RG-178BU, RG-196AU, or RG-404U Cable
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056322874

Electrical

Current - Maximum per Contact	2.0A
Impedance	50Ω

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	1.400/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-178BU, RG-196AU, RG-404U

Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

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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