Part Number : 1731120678
Product Description : FCT Coaxial Contact, Male, Straight, Crimp, 50 Ohms, 0.20µm Gold Plating, for RG-174U, RG-188AU, or RG-316U Cable
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMS001P101



Documents and Resources

Drawings

1731120678_sd.pdf

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 per D(2021)10043-DC (17 Jan 2022)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	173112
Description	FCT Coaxial Contact, Male, Straight, Crimp, 50 Ohms, 0.20µm Gold Plating, for RG-174U, RG-188AU, or RG-316U Cable
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128757355

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

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Material - Plating Termination	Tin over Nickel
Net Weight	1.300/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.200µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +135°C
Termination Style	Crimp
Wire/Cable Type	RG-174U, RG-188AU, RG-316U

Mates With / Use With

Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, Mini Frame, 8-Step Adjust	1731121730
FCT Hand Crimp Tool, Hex Die, Open Frame	1731121732
FCT Locator for Coaxial Contacts	1731121735
FCT Locator for Size 8 Contacts, Coax	1731121738
FCT Removal Tool for Size 8 Contacts	1731121747

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