Part Number : 1731120178
Product Description : FCT Coaxial Contact, Male, Straight, Crimp, 50 Ohms, 1.30µm Gold Plating, for RG-58CU or RG-141AU Cable
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMS009P102



Documents and Resources

Drawings

1731120178_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)
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, 1.30µm Gold Plating, for RG-58CU or RG-141AU Cable
Contact Type	Coaxial
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056489331

Electrical

Current - Maximum per Contact	2.0A
Impedance	50Ω

Physical

Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel

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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	Crimp
Wire/Cable Type	RG-141AU, RG-58CU

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 Size 8 Contacts, Coax	1731121738
FCT Removal Tool for Size 8 Contacts	1731121747

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