Part Number : 1731120168
Product Description : FCT Coaxial Contact, Female, Straight, Solder Cable Termination, 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 : FMX008S102



Documents and Resources

Drawings

1731120168_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 per D(2025)7771-DC (04 Feb 2026) SCIP:a55120e9-b4e5-4475-9d30-ed1abdda276a
EU RoHS	Not Compliant 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	173112
Description	FCT Coaxial Contact, Female, Straight, Solder Cable Termination, 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	889056489232

Electrical

Current - Maximum per Contact	2.0A
Impedance	50Ω

Physical

Durability (mating cycles min)	200
Gender	Female

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Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Net Weight	1.600/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-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, Hex Die, Open Frame	1731121732
FCT Removal Tool for Size 8 Contacts	1731121747

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