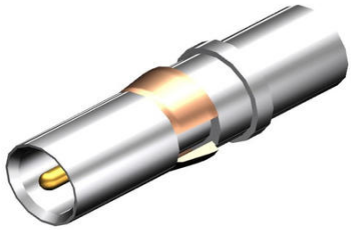
Part Number : 1727040135
Product Description : FCT High Voltage Contact, Female, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller
Series Number : 172704
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FMV001S107K



Documents and Resources

Drawings

1727040135_sd.pdf

Specifications

1731120009-PK-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 3; 33; 34
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 2025) SCIP:db76d3ae-8f29-409a-be59-43ebf213267d
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

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 High Voltage Contact, Female, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller
Contact Type	High Voltage
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056020466

Electrical

Current - Maximum per Contact	2.0A

Physical

Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Insulator	PTFE
Material - Plating Mating	Gold over Nickel
Material - Retaining Clip	PEI

Net Weight	0.600/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	1.300µm
Temperature Range - Operating	-55° to +125°C
Termination Style	Solder Cup
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT High Voltage Contact, Male, Straight, Solder Cup, 1.30µm Gold Mating Plating, with Plastic Retention Clip, 2.0A, 20 AWG or smaller	1727040134

Use with Part(s)

Description	Part Number
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, 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,	1727040012

Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 11 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	
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 Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell, 13 Circuits Max, 10 Signal Contacts Loaded, Green Insulator	1731070064
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 Housing, Female, Tin-plated Shell, 5 Circuits Unloaded, Green Insulator	1727040034
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
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, Polarized, 2 Circuits Unloaded,	1727040042

Black Insulator	
FCT Mixed Layout D-Sub Housing, Female, Tin-plated Shell, 8 Circuits Unloaded, Green Insulator	1727040038

Application Tooling

Global

Description	Part Number
FCT Removal Tool for Size 8 Contacts	1731121747