Part Number : 1731120227
Product Description : FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 28-22 AWG, 500 Pieces
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FK22SL-08V-5783



Documents & Resources

Drawings

1731120227_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

1731120004-PK-000.pdf

2195600650-000.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(2024)7663-DC (21 Jan 2025)
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	173112
Description	FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 28-22 AWG, 500 Pieces
Contact Type	Machined Crimp
Magnetic	Yes
Product Name	FCT Products
Type	High Density
UPC	889056489829

Electrical

Current - Maximum per Contact	5.0A

Physical

Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Net Weight	13.900/g

Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.800µm
Plating min - Termination	0.800µm
Temperature Range - Operating	-55° to +130°C
Termination Style	Crimp
Wire Size (AWG)	22, 24, 26, 28

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Machined Contact, Male, Crimp, 0.80µm Gold Plating, 28-22 AWG, 500 Pieces	1731120224

Use with Part(s)

Description	Part Number
FCT High-Density D-Sub Crimp Housing, Female, 26 Circuits	1731130100
FCT High-Density D-Sub Crimp Housing, Female, 15 Circuits	1731090036
FCT High-Density D-Sub Crimp Housing, Female, 44 Circuits	1731130075
FCT High-Density D-Sub Crimp Housing, Female, 26 Circuits	1731130074
FCT High-Density D-Sub Crimp Housing, Female, 62 Circuits	1731130076
FCT High-Density D-Sub Crimp Housing, Female, 78 Circuits	1731130077

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, Mini Frame,	

8-Step Adjust	1731121730
FCT Locator for Size 22 Contacts, Socket	1731121737
FCT Installation and Removal Tool for High-Density Contacts	1731121745
FCT Installation and Removal Tool for High-Density Contacts	1731121746