Part Number : 1731120727
Product Description : FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FK20S-13V-6097



Documents and Resources

Drawings

1731120727_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(2025)7771-DC (04 Feb 2026) SCIP:d7a33a59-2fb6-40e0-9a8f-8cac7042f055
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

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- 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, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces
Contact Type	Machined Crimp
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191128856041

Electrical

Current - Maximum per Contact	7.5A

Physical

Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy with Stainless Steel Sleeve
Material - Plating Mating	Gold over Nickel

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Material - Plating Termination	Gold over Nickel
Net Weight	0.200/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	1.300µm
Plating min - Termination	1.300µm
Temperature Range - Operating	-55° to +130°C
Termination Style	Crimp
Wire Size (AWG)	20, 22, 24

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces	1731120720

Use with Part(s)

Description	Part Number
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 9 Circuits, Black Front and Rear Insulator	1727040010
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 15 Circuits, Black Front and Rear Insulator	1727040002
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 25 Circuits, Black Front and Rear Insulator	1727040004
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 50 Circuits, Black Front and Rear Insulator	1727040008
FCT Standard-Density D-Sub Crimp Housing, Female, Shell without Dimples, 37 Circuits,	1727040006

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Black Front and Rear Insulator	

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, Mini Frame, 8-Step Adjust	1731121730
FCT Locator for Size 20 Contacts, Plug and Socket	1731121733
FCT Installation and Removal Tool for D-Subs	1731121744

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