



Part Number : [1731120720](#)
Product Description : FCT Machined Contact, Male,
Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FK20P-13V-6097



Documents & Resources

Drawings

[1731120720 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, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces
Contact Type	Machined Crimp
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	191128855976

Electrical

Current - Maximum per Contact	7.5A
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Physical

Durability (mating cycles min)	500
Gender	Male
Material - Contact	Brass
Material - Plating Mating	Gold over Nickel
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, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 5000 Pieces	<u>1731120727</u>

Use with Part(s)

Description	Part Number
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator	<u>1727040009</u>
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator	<u>1727040001</u>
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 25 Circuits, Black Front and Rear Insulator	<u>1727040003</u>
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 50 Circuits, Black Front and Rear Insulator	<u>1727040007</u>
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 37 Circuits, Black Front and Rear Insulator	<u>1727040005</u>

Application Tooling

Global

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

This document was generated on Sep 10, 2025