

**Part Number :** [1731120223](#)

**Product Description :** FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 28-22 AWG, 500 Pieces

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Part Number :** FK22P-02V-5783



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## Documents and Resources

### Drawings

[1731120223 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications


[1731120004-PK-000.pdf](#)

[2195600650-000.pdf](#)

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## 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:8bfbdabc-26c0-4059-9270-072a30df2453
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, 0.20µm Gold Plating, 28-22 AWG, 500 Pieces
Contact Type	Machined Crimp
Magnetic	Yes
Product Name	FCT Products
Type	High Density
UPC	889056489782

### Electrical

Current - Maximum per Contact	5.0A
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### Physical

Durability (mating cycles min)	200
Gender	Male
Material - Contact	Brass
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Net Weight	0.100/g

Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.200µm
Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +130°C
Termination Style	Crimp
Wire Size (AWG)	22, 24, 26, 28

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Use With	FCT High-Density Connectors

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## Application Tooling

### Global

Description	Part Number
FCT Hand Crimp Tool, Mini Frame, 8-Step Adjust	<u>1731121730</u>
FCT Locator for Size 22 Contacts, Plug	<u>1731121736</u>
FCT Installation and Removal Tool for High-Density Contacts	<u>1731121745</u>
FCT Installation and Removal Tool for High-Density Contacts	<u>1731121746</u>

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