**Part Number :** 1731120737
**Product Description :** FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 28-22 AWG, 5000 pieces
**Series Number :** 173112
**Status :** Active
**Product Category :** D-Sub Contacts
**Engineering Part Number :** FK22P-02V-6097



## Documents and Resources

### Drawings

1731120737_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:8f968d35-d541-4040-9cc9-831596d334f5 |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | D-Sub Contacts |
| Series | 173112 |
| Description | FCT Machined Contact, Male, Crimp, 0.20µm Gold Plating, 28-22 AWG, 5000 pieces |
| Contact Type | Machined Crimp |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | High Density |
| UPC | 191128856140 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 5.0A |

### 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 |

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| | |
|---|---|
| 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 | 1731121730 |
| FCT Locator for Size 22 Contacts, Plug | 1731121736 |
| FCT Installation and Removal Tool for High-Density Contacts | 1731121745 |
| FCT Installation and Removal Tool for High-Density Contacts | 1731121746 |

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