# molex

**Part Number :** 1731121031

**Series Number :** 173112
**Product Category :** D-Sub Contacts

**Product Description :** FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 18-22 AWG, 5000 Pieces

**Status :** Active
**Engineering Number :** FK20S18-02V-6097

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## Documents & Resources

### Drawings
Drawing  1731121031_sd.pdf

### Specifications
Packaging Specification  1731120004-PK-000.pdf

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2022)9120-DC (17 Jan 2023) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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# Part Details

## General

| | |
|---|---|
| Status | Active |
| Category | D-Sub Contacts |
| Series | 173112 |
| Description | FCT Machined Contact, Female, Crimp, 0.20µm Gold Plating, 18-22 AWG, 5000 Pieces |
| Contact Type | Machined Crimp |
| Product Family | FCT D-Sub Connectors |
| Product Name | FCT Products |
| Type | Standard Density |
| UPC | 191130082452 |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 7.5A |

## Physical

| | |
|---|---|
| Durability (mating cycles max) | 200 |
| Gender | Female |
| Material - Contact | Copper Alloy with Stainless Steel Sleeve |
| 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) | 18, 20, 22 |

## Use with Part(s)

| Description | Part Number |
|---|---|
| Use With | FCT Standard-Density Connectors |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| FCT Installation and Removal Tool for D-Subs | 1731121744 |

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