



Part Number : 1731120218

Series Number : 173112

Product Category : D-Sub Contacts

Product Description : FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 18-22 AWG, 500 Pieces

Status : Active

Engineering Number : FK20SL18-08V-5783

Documents & Resources

Drawings

Drawing 1731120218\_sd.pdf

Specifications

Packaging Specification 1731120004-PK-000.pdf

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(2023)8585-DC (23 Jan 2024)                                        |
| 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

## Part Details

### General

|                |                                                                                             |
|----------------|---------------------------------------------------------------------------------------------|
| Status         | Active                                                                                      |
| Category       | D-Sub Contacts                                                                              |
| Series         | 173112                                                                                      |
| Description    | FCT Machined Contact, Female, Crimp, 0.80µm Gold Plating, Split Tine, 18-22 AWG, 500 Pieces |
| Contact Type   | Machined Crimp                                                                              |
| Product Family | FCT D-Sub Connectors                                                                        |
| Product Name   | FCT Products                                                                                |
| Type           | Standard Density                                                                            |
| UPC            | 889056489737                                                                                |

### Electrical

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

### Physical

|                                |                  |
|--------------------------------|------------------|
| Durability (mating cycles max) | 500              |
| Gender                         | Female           |
| Material - Contact             | Copper Alloy     |
| 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           | 0.800µm          |
| Plating min - Termination      | 0.800µm          |
| Temperature Range - Operating  | -55° to +130°C   |
| Termination Style              | Crimp            |
| Wire Size (AWG)                | 18, 20, 22       |

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### Use with Part(s)

|             |             |
|-------------|-------------|
| Description | Part Number |
|-------------|-------------|

|          |                                 |
|----------|---------------------------------|
| Use With | FCT Standard-Density Connectors |
|----------|---------------------------------|

Application Tooling

Global

| Description                                    | Part Number       |
|------------------------------------------------|-------------------|
| FCT Hand Crimp Tool, Mini Frame, 8-Step Adjust | <u>1731121730</u> |
| FCT Installation and Removal Tool for D-Subs   | <u>1731121744</u> |
| FCT Locator for Size 20 Contacts, Socket       | <u>1731121763</u> |