



**Part Number :** [1731120044](#)

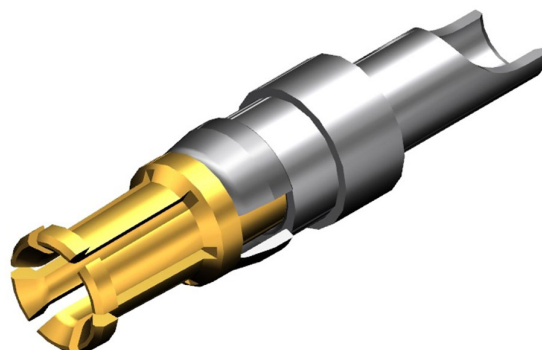
**Product Description :** FCT High Power Contact, Early Mate/Late Break, Male, Straight, Solder Cup, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, Split Tine, 10.0A, 16-20 AWG

**Series Number :** 173112

**Status :** Active

**Product Category :** D-Sub Contacts

**Engineering Number :** FMA026P103



---

## Documents & Resources

### Drawings

[Drawing 1731120044\\_sd.pdf](#)

### Specifications

[Packaging Specification 1731120008-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(2022)4187-DC (10 June 2022)                                       |
| 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 High Power Contact, Early Mate/Late Break, Male, Straight, Solder Cup, 0.80µm Gold Mating Plating, 0.20µm Gold Termination Plating, Split Tine, 10.0A, 16-20 AWG |
| Contact Type   | High Power                                                                                                                                                           |
| Product Family | FCT D-Sub Connectors                                                                                                                                                 |
| Product Name   | FCT Products                                                                                                                                                         |
| Type           | Mixed Layout                                                                                                                                                         |
| UPC            | 889056322850                                                                                                                                                         |

#### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 10.0A |
|-------------------------------|-------|

#### Physical

|                                |                  |
|--------------------------------|------------------|
| Durability (mating cycles max) | 500              |
| Gender                         | Male             |
| Material - Contact             | Copper Alloy     |
| Material - Plating Mating      | Gold over Nickel |
| Material - Plating Termination | Gold over Nickel |
| Material - Retaining Clip      | Copper Alloy     |
| Net Weight                     | 1.800/g          |
| Orientation                    | Straight         |
| Packaging Type                 | Bag              |
| Plating min - Mating           | 0.800µm          |

|                               |                |
|-------------------------------|----------------|
| Plating min - Termination     | 0.200μm        |
| Temperature Range - Operating | -55° to +155°C |
| Termination Style             | Solder Cup     |
| Wire Size (AWG)               | 16, 18, 20     |

---

#### Use with Part(s)

| Description | Part Number                 |
|-------------|-----------------------------|
| Use With    | FCT Mixed Layout Connectors |

---

#### Application Tooling

##### Global

| Description                          | Part Number       |
|--------------------------------------|-------------------|
| FCT Removal Tool for Size 8 Contacts | <u>1731121747</u> |

---

This document was generated on Sep 26, 2023