



Part Number : [1731120231](#)

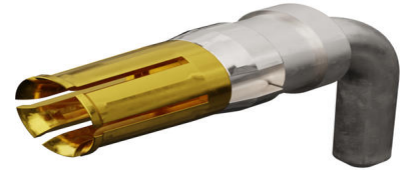
Product Description : FCT High Power Contact, Female, Right-Angle, PCB Through Hole, 0.20µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 20.0A, 3.15mm PCB Drilling Diameter

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP008S105



Documents & Resources

Drawings

[1731120231_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[1731120008-PK-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(2023)8585-DC (23 Jan 2024) |
| 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 High Power Contact, Female, Right-Angle, PCB Through Hole, 0.20µm Gold Mating Plating, 5.00µm Tin Termination Plating, Split Tine, 20.0A, 3.15mm PCB Drilling Diameter |
| Contact Type | High Power |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 889056565660 |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 20.0A |
|-------------------------------|-------|

Physical

| | |
|--------------------------------|--------------|
| Durability (mating cycles min) | 200 |
| Gender | Female |
| Material - Contact | Copper Alloy |

| | |
|--------------------------------|------------------|
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Material - Retaining Clip | Copper Alloy |
| Net Weight | 2.300/g |
| Orientation | Right-Angle |
| Packaging Type | Bag |
| Plating min - Mating | 0.200µm |
| Plating min - Termination | 5.000µm |
| Temperature Range - Operating | -55° to +155°C |
| Termination Style | Through Hole |

Mates With / Use With

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> |