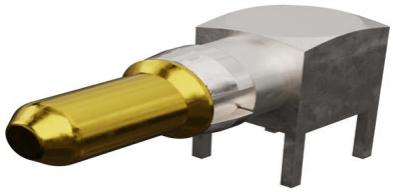
**Part Number :** 1731120387
**Product Description :** FCT High Power Contact, Male, Right-Angle, PCB Through Hole, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, 40.0A, 5.08mm Four Pronged Footprint
**Series Number :** 173112
**Status :** Active
**Product Category :** D-Sub Contacts
**Engineering Part Number :** FMP012P115



## Documents and Resources

### Drawings

1731120387_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(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements

- EU RoHS

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- 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | D-Sub Contacts |
| Series | 173112 |
| Description | FCT High Power Contact, Male, Right-Angle, PCB Through Hole, 0.50µm Gold Mating Plating, 5.00µm Tin Termination Plating, 40.0A, 5.08mm Four Pronged Footprint |
| Contact Type | High Power |
| Magnetic | Yes |
| Product Name | FCT Products |
| Type | Mixed Layout |
| UPC | 191128209489 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 40.0A |

### Physical

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

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| | |
|---|---|
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Material - Retaining Clip | Copper Alloy |
| Net Weight | 2.800/g |
| Orientation | Right Angle |
| Packaging Type | Tube |
| Plating min - Mating | 0.500µm |
| 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 |

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## Application Tooling

## Global

| Description | Part Number |
|---|---|
| FCT Removal Tool for Size 8 Contacts | 1731121747 |

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