

Part Number : 1731120385

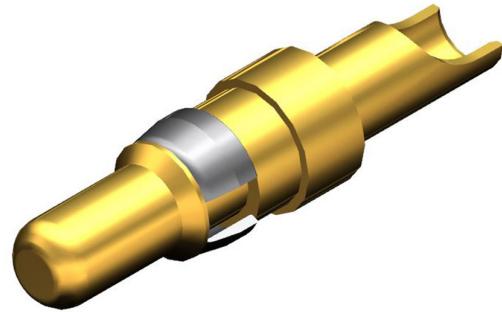
Product Description : FCT High Power Contact, Male, Straight, Solder Cup, 1.30µm Gold Mating Plating, 0.20µm Gold Termination Plating, 20.0A, 16-12 AWG

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP006P110



## Documents & Resources

### Drawings

[1731120385\\_sd.pdf](#)

### Specifications

[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(2024)6225-DC (07 Nov 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

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### Part Details

#### General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT High Power Contact, Male, Straight, Solder Cup, 1.30µm Gold Mating Plating, 0.20µm Gold Termination Plating, 20.0A, 16-12 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128209465

#### Electrical

Current - Maximum per Contact	20.0A
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#### Physical

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	2.000/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	1.300µm
Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +155°C

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Termination Style	Solder Cup
Wire Size (AWG)	12, 14, 16

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## 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	<u>1731121747</u>

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