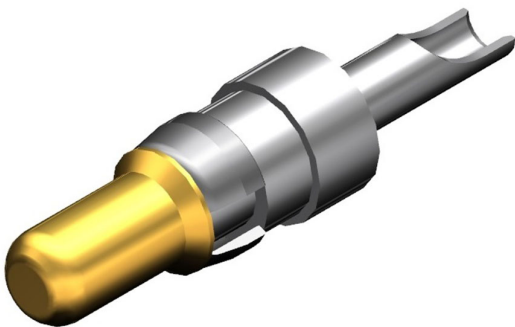




**Part Number :** [1731120269](#)  
**Product Description :** FCT High Power Contact, Male, Straight, Solder Cup, 0.20µm Gold Mating Plating, 5.00µm Tin Termination Plating, 10.0A, 20-16 AWG  
**Series Number :** 173112  
**Status :** Active  
**Product Category :** D-Sub Contacts  
**Engineering Number :** FMP005P105




Documents & Resources

Drawings  
[1731120269\\_sd.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)4144-DC (27 June 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

## Part Details

### General

Status	Active
Category	D-Sub Contacts
Series	173112
Description	FCT High Power Contact, Male, Straight, Solder Cup, 0.20µm Gold Mating Plating, 5.00µm Tin Termination Plating, 10.0A, 20-16 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056714198

### Electrical

Current - Maximum per Contact	10.0A
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### Physical

Durability (mating cycles max)	200
Gender	Male
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	1.900/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.200µm
Plating min - Termination	5.000µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Solder Cup

Wire Size (AWG)	16, 18, 20
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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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