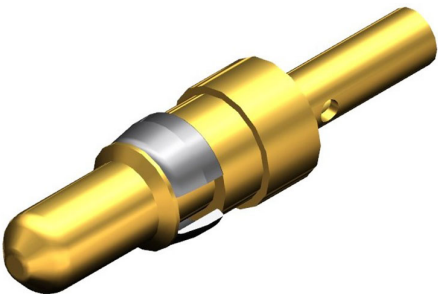# molex

Part Number : 1731120673

Product Description : FCT High Power Contact, Male, Straight, Crimp, 0.80μm Gold Mating Plating, 0.20μm Gold Termination Plating, 10.0A, 20-16 AWG

Series Number : 173112

Status : Active

Product Category : D-Sub Contacts

Engineering Number : FMP035P103

Documents & Resources

Drawings

1731120673_sd.pdf

Specifications

2195600660-000.pdf
1731120008-PK-000.pdf
2195600660-000.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	Not Reviewed per D(2024)7663-DC (21 Jan 2025)
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, Male, Straight, Crimp, 0.80μm Gold Mating Plating, 0.20μm Gold Termination Plating, 10.0A, 20-16 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128757300

Electrical

Current - Maximum per Contact	10.0A

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	0.800μm
Plating min - Termination	0.200μm

Temperature Range - Operating	-55° to +155°C
Termination Style	Crimp
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	1731121747

This document was generated on Apr 26, 2025