



Part Number : [1731120596](#)
Product Description : FCT High Power Contact,
Male, Straight, Crimp, 0.20µm Gold Plating, 40.0A, 10-8
AWG
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMP004P106



Documents & Resources

Drawings

[1731120596 sd.pdf](#)
[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2195600660-000.pdf](#)
[1731120008-PK-000.pdf](#)
[2195600660-000.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)4165-DC (25 June 2025)
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, Male, Straight, Crimp, 0.20µm Gold Plating, 40.0A, 10-8 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191128376884

Electrical

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

Physical

Durability (mating cycles min)	200
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	2.400/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.200µm
Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Crimp
Wire Size (AWG)	8, 10

Mates With / Use With

Use with Part(s)

Description	Part Number
Use With	FCT Mixed Layout Connectors

Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, 8-Step Adjust	<u>1731121731</u>
FCT Locator for High Power Contacts	<u>1731121734</u>
FCT Removal Tool for Size 8 Contacts	<u>1731121747</u>

This document was generated on Sep 10, 2025