Part Number : 1731120032
Product Description : FCT High Power Contact, Male, Straight, Crimp, 0.10µm Gold over Nickel Phosphorus Mating Plating, 0.20µm Gold over Nickel Termination Plating, 10.0A, 20-16 AWG
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMP002P204



Documents & Resources

Drawings

1731120032_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 ED/71/2019 (16 July 2019)
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, 0.10µm Gold over Nickel Phosphorus Mating Plating, 0.20µm Gold over Nickel Termination Plating, 10.0A, 20-16 AWG
Contact Type	High Power
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	889056322737

Electrical

Current - Maximum per Contact	10.0A

Physical

Durability (mating cycles min)	200
Gender	Male

Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	2.000/g
Orientation	Straight
Packaging Type	Bag
Plating min - Mating	0.100µm
Plating min - Termination	0.200µm
Temperature Range - Operating	-55° to +155°C
Termination Style	Crimp
Wire Size (AWG)	16, 18, 20

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	1731121731
FCT Locator for High Power Contacts	1731121734
FCT Removal Tool for Size 8 Contacts	1731121747
