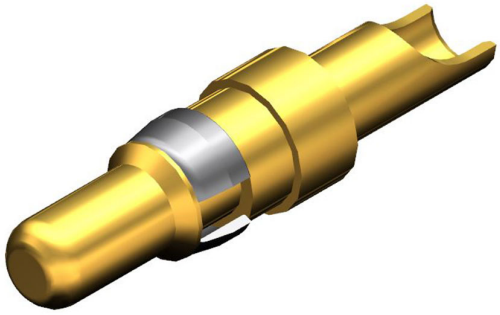
Part Number : 1731120385
Product Description : FCT High Power Contact, Male, Straight, Solder Cup, 1.30µm Gold Mating Plating, 0.20µm Gold Termination Plating, 20.0A, 16-12 AWG
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Number : FMP006P110



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)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
- 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, 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

Physical

Durability (mating cycles max)	500
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
Termination Style	Solder Cup
Wire Size (AWG)	12, 14, 16

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