



Part Number : 1731120033

Series Number : 173112
Product Category : D-Sub Contacts

Product Description : FCT High Power Contact, Female, Straight, Crimp, 0.10µm Gold over Nickel Phosphorus Mating Plating, 0.20µm Gold over Nickel Termination Plating, Split Tine, 10.0A, 16-20 AWG
Status : Active
Engineering Number : FMP002S204

Documents & Resources

Drawings
Drawing 1731120033_sd.pdf

Specifications
Application Specification 2195600660-000.pdf
Packaging Specification 1731120008-PK-000.pdf
Product Specification 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)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, Female, Straight, Crimp, 0.10µm Gold over Nickel Phosphorus Mating Plating, 0.20µm Gold over Nickel Termination Plating, Split Tine, 10.0A, 16-20 AWG
Contact Type	High Power
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	Mixed Layout
UPC	889056322744

Electrical

Current - Maximum per Contact	10.0A
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Physical

Durability (mating cycles max)	200
Gender	Female
Material - Contact	Copper Alloy
Material - Plating Mating	Gold over Nickel Phosphorus
Material - Plating Termination	Gold over Nickel
Material - Retaining Clip	Copper Alloy
Net Weight	1.800/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

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>
