Part Number : 1731120202
Product Description : FCT Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces
Series Number : 173112
Status : Active
Product Category : D-Sub Contacts
Engineering Part Number : FK20P-13V-5783



Documents and Resources

Drawings

1731120202_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

1731120004-PK-000.pdf

2195600650-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 3; 33; 34
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:3ca77552-71c2-4635-9c45-c1ec374c5d16
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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 Machined Contact, Male, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces
Contact Type	Machined Crimp
Magnetic	Yes
Product Name	FCT Products
Type	Standard Density
UPC	889056489577

Electrical

Current - Maximum per Contact	7.5A

Physical

Durability (mating cycles min)	500
Gender	Male
Material - Contact	Brass
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Net Weight	0.200/g
Orientation	Straight

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Packaging Type	Bag
Plating min - Mating	1.300µm
Plating min - Termination	1.300µm
Temperature Range - Operating	-55° to +130°C
Termination Style	Crimp
Wire Size (AWG)	20, 22, 24

Mates With / Use With

Mates with Part(s)

Description	Part Number
FCT Machined Contact, Female, Crimp, 1.30µm Gold Plating, 24-20 AWG, 500 Pieces	1731120210

Use with Part(s)

Description	Part Number
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 9 Circuits, Black Front and Rear Insulator	1727040009
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 15 Circuits, Black Front and Rear Insulator	1727040001
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 25 Circuits, Black Front and Rear Insulator	1727040003
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 37 Circuits, Black Front and Rear Insulator	1727040005
FCT Standard-Density D-Sub Crimp Housing, Male, Shell with Dimples, 50 Circuits, Black Front and Rear Insulator	1727040007

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Application Tooling

Global

Description	Part Number
FCT Hand Crimp Tool, Mini Frame, 8-Step Adjust	1731121730
FCT Locator for Size 20 Contacts, Plug and Socket	1731121733
FCT Installation and Removal Tool for D-Subs	1731121744

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