molex

Part Number : 1731130149

Series Number : 173113

Product Category : D-Sub Connectors

Product Description : FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, 0.80µm Gold Plating, with Machined Contacts, 44 Circuits

Status : Active

Engineering Number : F25-44P0G0-0008

Documents & Resources

Specifications

Application Specification 1731130000-AS-000.pdf

Product Specification 1731130001-PS-000.pdf

Test Summary 1731130000-TS-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(2023)8585-DC (23 Jan 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 Connectors
Series	173113
Description	FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, 0.80μm Gold Plating, with Machined Contacts, 44 Circuits
IP Rating	IP20
Magnetic	Yes
Product Family	FCT D-Sub Connectors
Product Name	FCT Products
Type	High Density
UPC	191128142564

Electrical

Current - Maximum per Contact	5.0A
Shielded	Yes

Physical

Circuits (Loaded)	44
Circuits (maximum)	44
Color - Resin	Black
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	11.700/g
Number of Rows	3
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front or Rear
Panel Mount Method	Flange
PCB Locator	No

PCB Retention	None
Pitch - Mating Interface	1.98mm
Pitch - Termination Interface	1.98mm
Plating - Contact	Gold over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.800µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-55° to +130°C
Termination Style	Solder Cup
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size (AWG)	22

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT High-Density D-Sub, Size 3, 44 Position, Socket