Part Number : 1731130066
Product Description : FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 78 Circuits
Series Number : 173113
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : CT50-78P



Documents and Resources

Drawings

1731130066_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

1731120006-PK-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	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant 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 Connectors
Series	173113
Description	FCT High-Density D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, 78 Circuits
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	High Density
UPC	889056324496

Electrical

Current - Maximum per Contact	3.0A
Shielded	Yes

Physical

Circuits (Loaded)	78
Circuits (maximum)	78
Color - Resin	Black
Durability (mating cycles min)	50
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	Polybutylene Terephthalate (PBT)

Material - Shell	Steel
Net Weight	18.000/g
Number of Rows	4
Orientation	Straight
Packaging Type	Tray
Panel Mount	Rear
Panel Mount Method	Flange
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	2.08mm
Pitch - Termination Interface	2.08mm
Plating - Contact	Gold over Nickel
Plating - Shell	Nickel
Polarized to Mating Part	Yes
Ports	1
Shell Size	5
Temperature Range - Operating	-55° to +105°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 5, 78 Position, Socket