Part Number : 1731100099
Product Description : FCT High-Density Waterproof D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Metal Watertight Frame, 44 Circuits
Series Number : 173110
Status : Active
Product Category : D-Sub Connectors
Engineering Number : FWDRM25-44P-K1444



Documents & Resources

Drawings

1731100099_sd.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 Reviewed per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant with Exemption 6(c) 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	173110
Description	FCT High-Density Waterproof D-Sub Connector, Male, Straight, Solder Cup, Gold Plating, Metal Watertight Frame, 44 Circuits
IP Rating	IP67
Magnetic	Yes
Product Name	FCT Products
Type	High Density
UPC	889056825863

Electrical

Current - Maximum per Contact	5.0A
Shielded	Yes

Physical

Circuits (Loaded)	44
Circuits (maximum)	44
Color - Resin	Black
Durability (mating cycles min)	500
Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	33.400/g
Number of Rows	3
Orientation	Straight

Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.98mm
Pitch - Termination Interface	1.98mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Temperature Range - Operating	-25° to +70°C
Termination Style	Solder Cup
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP67
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

Use with Part(s)

Description	Part Number
Use With	FCT D-Sub Dust Caps