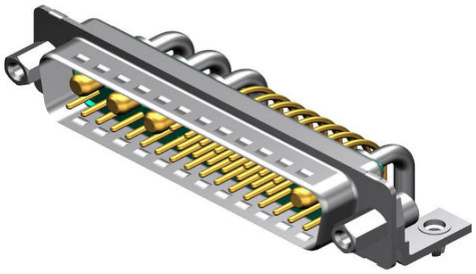
Part Number : 1731071415
Product Description : FCT Mixed Layout D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 14.00mm Riveted Metal Bracket and #4-40 Clinch Nut, 6.20mm Female Screw Lock, 36 Circuits Loaded (4 High Power, 32 Signal), Green Insulator
Series Number : 173107
Status : Active
Product Category : D-Sub Connectors
Engineering Part Number : FM36W4P5-5444



Documents and Resources

Drawings

1731071415_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(2024)7663-DC (21 Jan 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	173107
Description	FCT Mixed Layout D-Sub Connector, Male, Right-Angle, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 14.00mm Riveted Metal Bracket and #4-40 Clinch Nut, 6.20mm Female Screw Lock, 36 Circuits Loaded (4 High Power, 32 Signal), Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130547722

Electrical

Current - Maximum per Contact	7.5A, 20.0A
Shielded	Yes

Physical

Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Green
Durability (mating cycles min)	500

Gender	Male
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Brass
Net Weight	33.500/g
Number of Rows	3
Orientation	Right-Angle
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
PC Tail Length	12.50mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.54mm
Plating - Contact	Gold over Nickel | Gold/Tin over Nickel
Plating min - Mating	0.800µm
Plating min - Termination	0.800µm, 5.000µm
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-55° to +130°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCT Mixed Layout D-Sub, Size 5, 36W4, Socket