



Part Number : [1731071311](#)

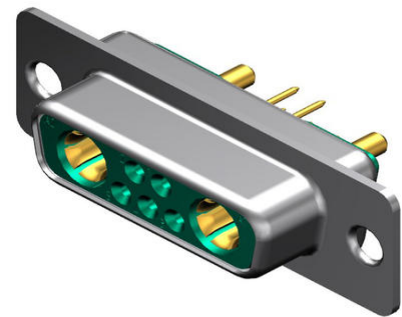
Product Description : FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 7 Circuits Loaded (2 High Power, 5 Signal), Green Insulator

Series Number : 173107

Status : Obsolete

Product Category : D-Sub Connectors

Engineering Part Number : FM7W2S1A-2263



Documents and Resources

Drawings

[1731071311_sd.pdf](#)

[Symbol and Footprint \(Multi-Format\)](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

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	Obsolete
Category	D-Sub Connectors
Series	173107
Description	FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold over Nickel Phosphorus Plating, Tin-plated Shell, 7 Circuits Loaded (2 High Power, 5 Signal), Green Insulator
IP Rating	IP20
Magnetic	Yes
Product Name	FCT Products
Type	Mixed Layout
UPC	191130540198

Electrical

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

Physical

Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Green
Durability (mating cycles min)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	13.200/g

Number of Rows	2
Orientation	Straight
Packaging Type	Carton
Panel Mount	Front or Rear
Panel Mount Method	Flange
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	10.30mm
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel Phosphorus Gold over Nickel
Plating min - Mating	0.100µm, 0.800µm
Plating min - Termination	0.100µm, 0.200µm
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 2, 7W2, Plug