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Part Number: [1731090094](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, 500 Mating Cycles, 4-40 UNC Clinch Nut, 9 Circuits

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	D-Sub Products
Series	173109
IP Rating	IP20
Overview	FCT D-Sub Connectors
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Standard Density
UPC	889056485760

Physical

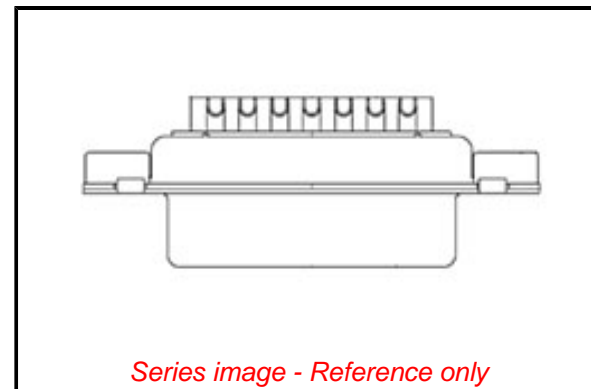
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	White
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	6.600/g
Number of Rows	2
Orientation	Straight
PCB Locator	No
PCB Retention	None
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Thread-In
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +125°C
Termination Style	Solder Cup
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20
Wire Size AWG	20

Electrical

Current - Maximum per Contact	7.5A
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Material Info

Engineering Number	FT09S0G1
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EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)

lead

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[173109 Series](#)

Mates With

FCT Standard-Density D-Sub, Size 1, 9
Position, Plug

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