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**Part Number:** [1731071287](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold over Nickel Phosphorus Plating, Tin-plated Shell without Dimples, 9 Circuits, 5 Signal Contacts Loaded

**Documents:**

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

**General**

Product Family	D-Sub Products
Series	<a href="#">173107</a>
Datasheet Order No	987652-0531
Exclude SD Check	Yes
IP Rating	IP20
Overview	<a href="#">FCT D-Sub Connectors</a>
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Mixed Layout
UPC	191130143726

**Physical**

Circuits (Loaded)	5
Circuits (maximum)	9
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	12.000/g
Number of Rows	2
Orientation	Straight
PC Tail Length	10.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Panel Mount	Rear
Panel Mount Method	Flange
Pitch - Mating Interface	2.84mm
Pitch - Termination Interface	2.84mm
Plating - Contact	Gold over Nickel
Plating - Shell	Tin
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +130°C
Termination Style	Through Hole
Waterproof / Dustproof	No
Waterproof / Dustproof Type	IP20

**Electrical**

Current - Maximum per Contact	7.5A
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*Series image - Reference only*

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS	Not Reviewed
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ELV	Not Reviewed
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RoHS Phthalates	Not Reviewed
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**Search Parts in this Series**

[173107 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 3, 9W4, Plug

**Use With**

FCT Coaxial, High Power, High Voltage, or Pneumatic Contacts

**Material Info**  
Engineering Number

FM9W4S1A-K121

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