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**Part Number:** [1731070094](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Mixed Layout D-Sub Connector, Female, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell without Dimples, 7 Circuits, 5 Signal Contacts Loaded

**Documents:**

[Datasheet \(PDF\)](#)  
[Brochure \(PDF\)](#)

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

**General**

Product Family	D-Sub Products
Series	<a href="#">173107</a>
IP Rating	IP20
Overview	<a href="#">FCT D-Sub Connectors</a>
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Mixed Layout
UPC	889056324717

**Physical**

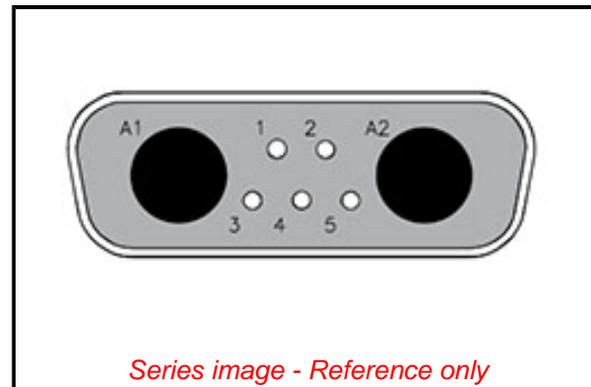
Circuits (Loaded)	5
Circuits (maximum)	7
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	6.600/g
Number of Rows	2
Orientation	Straight
PC Tail Length	10.30mm
PCB Locator	No
PCB Retention	None
PCB 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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**Material Info**

Engineering Number	FM7W2S1-K121
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2020)9139-DC (19  
Jan 2021)  
pyrochlore, antimony  
lead yellow

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[173107 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 2, 7W2, Plug

**Use With**

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

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[3003W3PXX56N40X](#) [3005W5PXX99E40X](#) [3005W5SXX99A30X](#) [3005W5SXX99E40X](#) [3013W6SCM99A10X](#) [3036W4PCM41A10X](#)  
[3036W4SCM99A10X](#) [FCE17-E2W2SS-2N0](#) [212522-7](#) [PII-468-1](#) [3003W3PXX43A10X](#) [3003W3SXX56N40X](#) [3005W5PXX88N40X](#)  
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