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**Part Number:** [1731070060](#)

**Status:** **Active**

**Overview:**

**Description:** FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold Plating, Tin-plated Shell without Dimples, 7 Circuits, 5 Signal Contacts Loaded

**General**

Product Family	D-Sub Products
Series	<a href="#">173107</a>
IP Rating	IP20
Overview	dsub_products
Product Category	D-Sub Connector
Product Name	FCT Products
Type	Mixed Layout
UPC	889056316996

**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	6.700/g
Number of Rows	2
Orientation	Straight
PCB Locator	No
PCB Retention	None
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
Plating min - Mating	0.800µm
Polarized to Mating Part	Yes
Ports	1
Shielded	Yes
Temperature Range - Operating	-55° to +130°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	FM7W2S-K121
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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

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