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**Part Number:** [1731071296](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Mixed Layout D-Sub Connector, Female, Right-Angle, PCB Through Hole, Gold over Nickel Phosphorus Plating, Tin-plated Shell without Dimples, 21 Circuits, 17 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	191130162925

**Physical**

Circuits (Loaded)	17
Circuits (maximum)	21
Color - Resin	Green
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	14.800/g
Number of Rows	2
Orientation	Right-Angle
PC Tail Length	11.10mm
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	2.54mm
Plating - Contact	Gold over Nickel Phosphorus
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

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[173107 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 4, 21WA4, Plug

**Use With**

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

**Material Info**  
Engineering Number

FM21WA4S5A-K121

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