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**Part Number:** [1731090314](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Standard-Density D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, 500 Mating Cycles, 50 Circuits

**Documents:**

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

**General**

Product Family	D-Sub Products
Series	<a href="#">173109</a>
Datasheet Order No	987651-8284
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	Standard Density
UPC	889056923934

**Physical**

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	White
Durability (mating cycles max)	500
Gender	Female
Material - Contact	Copper Alloy
Material - Resin	PBT
Material - Shell	Steel
Net Weight	20.000/g
Number of Rows	3
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 Phosphorus
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	F50S0G1A
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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**

[173109 Series](#)

**Mates With**

FCT Standard-Density D-Sub, Size 5, 50 Position, Plug

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