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**Part Number:** [1731090313](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Standard-Density D-Sub Connector, Male, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, 500 Mating Cycles, 50 Circuits

**Documents:**

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

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

**General**

|                  |                                      |
|------------------|--------------------------------------|
| Product Family   | D-Sub Products                       |
| Series           | <a href="#">173109</a>               |
| IP Rating        | IP20                                 |
| Overview         | <a href="#">FCT D-Sub Connectors</a> |
| Product Category | D-Sub Connector                      |
| Product Name     | FCT Products                         |
| Type             | Standard Density                     |
| UPC              | 889056923910                         |

**Physical**

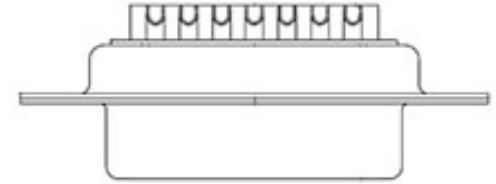
|                                |                             |
|--------------------------------|-----------------------------|
| Circuits (Loaded)              | 50                          |
| Circuits (maximum)             | 50                          |
| Color - Resin                  | White                       |
| Durability (mating cycles max) | 500                         |
| Gender                         | Male                        |
| Material - Contact             | Copper Alloy                |
| Material - Resin               | PBT                         |
| Material - Shell               | Steel                       |
| Net Weight                     | 17.000/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 |
|-------------------------------|------|

**Material Info**

|                    |          |
|--------------------|----------|
| Engineering Number | F50P0G1A |
|--------------------|----------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**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 Relevant

RoHS Phthalates

Not Reviewed

**China RoHS**

**Search Parts in this Series**

[173109 Series](#)

**Mates With**

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

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