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**Part Number:** [1731090738](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Standard-Density D-Sub Connector, Female, Right-Angle, PCB Through Hole, Gold Plating, 200 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              | 191128905213                         |

**Physical**

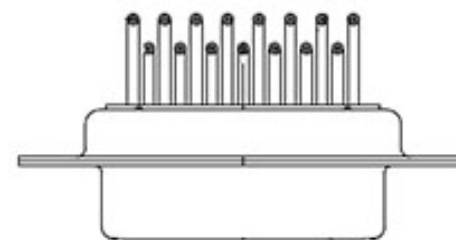
|                                |                  |
|--------------------------------|------------------|
| Circuits (Loaded)              | 50               |
| Circuits (maximum)             | 50               |
| Color - Resin                  | White            |
| Durability (mating cycles max) | 200              |
| Gender                         | Female           |
| Material - Contact             | Copper Alloy     |
| Material - Resin               | PBT              |
| Material - Shell               | Steel            |
| Net Weight                     | 24.600/g         |
| Number of Rows                 | 3                |
| Orientation                    | Right-Angle      |
| PC Tail Length                 | 12.50mm          |
| 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  | 2.54mm           |
| 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 +125°C   |
| Termination Style              | Through Hole     |
| Waterproof / Dustproof         | No               |
| Waterproof / Dustproof Type    | IP20             |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7.5A |
|-------------------------------|------|

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | F50S5G2 |
|--------------------|---------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Reviewed

**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**

[173109 Series](#)

**Mates With**

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

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