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**Part Number:** [1731090183](#)  
**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, Riveted Metal Bracket and Clinch Nut, 25 Circuits

**Documents:**

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

**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              | 889056486651                         |

**Physical**

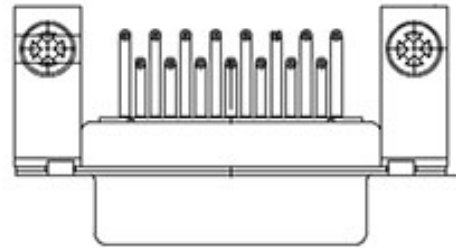
|                                |                  |
|--------------------------------|------------------|
| Circuits (Loaded)              | 25               |
| Circuits (maximum)             | 25               |
| Color - Resin                  | White            |
| Durability (mating cycles max) | 200              |
| Gender                         | Female           |
| Material - Contact             | Copper Alloy     |
| Material - Resin               | PBT              |
| Material - Shell               | Steel            |
| Net Weight                     | 16.000/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             | Thread-In        |
| 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 | F25S5G2-1002 |
|--------------------|--------------|



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 |

**Search Parts in this Series**

[173109](#) Series

**Mates With**

FCT Standard-Density D-Sub, Size 3, 25 Position, Plug

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