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**Part Number:** [1731070091](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Mixed Layout D-Sub Connector, Male, Straight, PCB Through Hole, Gold Plating, Tin-plated Shell with Dimples, 7 Circuits, 5 Signal Contacts Loaded

**Documents:**

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

**General**

|                    |                                      |
|--------------------|--------------------------------------|
| Product Family     | D-Sub Products                       |
| Series             | 173107                               |
| 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                | 889056324687                         |

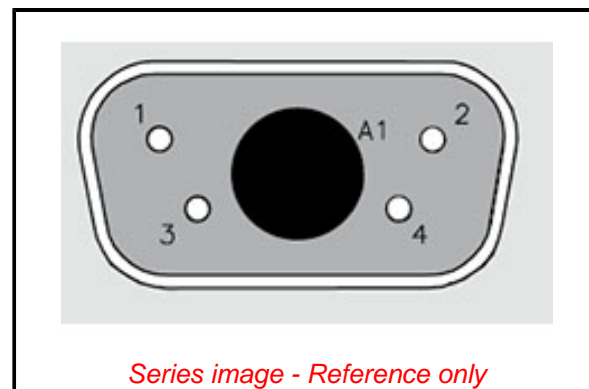
**Physical**

|                                |                  |
|--------------------------------|------------------|
| Circuits (Loaded)              | 5                |
| Circuits (maximum)             | 7                |
| Color - Resin                  | Green            |
| Durability (mating cycles max) | 500              |
| Gender                         | Male             |
| Material - Contact             | Copper Alloy     |
| Material - Resin               | PBT              |
| Material - Shell               | Steel            |
| Net Weight                     | 6.000/g          |
| Number of Rows                 | 2                |
| Orientation                    | Straight         |
| PC Tail Length                 | 10.30mm          |
| 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  | 2.84mm           |
| 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 +130°C   |
| Termination Style              | Through Hole     |
| Waterproof / Dustproof         | No               |
| Waterproof / Dustproof Type    | IP20             |

**Electrical**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Contained Per -  
ED/71/2019 (16 July  
2019)

Lead

**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**

[173107 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 2, 7W2,  
Socket

**Use With**

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

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