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**Part Number:** [1727040018](#)

**Status:** **Active**

**Overview:** [FCT D-Sub Connectors](#)

**Description:** FCT Mixed Layout D-Sub Connector, Female, Straight, Solder Cup, Gold over Nickel Phosphorus Plating, Tin-plated Shell without Dimples, 17 Circuits, 15 Signal Contacts Loaded

**Documents:**

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

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

**General**

|                  |                                      |
|------------------|--------------------------------------|
| Product Family   | D-Sub Products                       |
| Series           | <a href="#">172704</a>               |
| IP Rating        | IP20                                 |
| Overview         | <a href="#">FCT D-Sub Connectors</a> |
| Product Category | D-Sub Connector                      |
| Product Name     | FCT Products                         |
| Taxonomy         | D-Sub Connectors                     |
| Type             | Mixed Layout                         |
| UPC              | 889056019293                         |

**Physical**

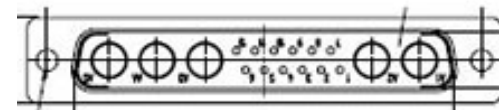
|                                |                             |
|--------------------------------|-----------------------------|
| Circuits (Loaded)              | 15                          |
| Circuits (maximum)             | 17                          |
| Color - Resin                  | Green                       |
| Durability (mating cycles max) | 500                         |
| Gender                         | Female                      |
| Material - Contact             | Copper Alloy                |
| Material - Resin               | PBT                         |
| Material - Shell               | Steel                       |
| Net Weight                     | 10.700/g                    |
| Number of Rows                 | 2                           |
| 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 +130°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 FM17W2SA-K121



*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**

[172704 Series](#)

**Mates With**

FCT Mixed Layout D-Sub, Size 3, 17W2, Plug

**Use With**

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

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