

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [1731091927](#)  
**Status:** **Active**  
**Overview:** [FCT D-Sub Connectors](#)  
**Description:** FCT Standard-Density D-Sub Connector, Female, Right-Angle, PCB Through Hole, 3.70mm Contact Height, 500 Mating Cycles, Diecast Bracket, 25 Circuits, Natural

**Documents:**

[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              | 191130163137                         |

**Physical**

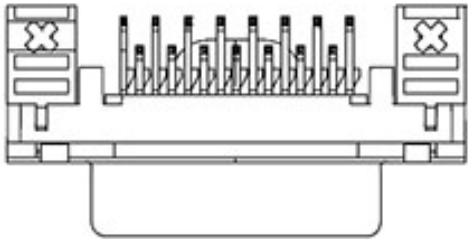
|                                |                            |
|--------------------------------|----------------------------|
| Circuits (Loaded)              | 25                         |
| Circuits (maximum)             | 25                         |
| Color - Resin                  | Natural                    |
| Durability (mating cycles max) | 500                        |
| Gender                         | Female                     |
| Material - Contact             | Copper Alloy               |
| Material - Resin               | PBT                        |
| Material - Shell               | Steel                      |
| Net Weight                     | 17.600/g                   |
| Number of Rows                 | 2                          |
| Orientation                    | Right-Angle                |
| PC Tail Length                 | 6.60mm                     |
| 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 Palladium Nickel |
| Plating - Shell                | Nickel                     |
| Polarized to Mating Part       | Yes                        |
| Polarized to PCB               | Yes                        |
| Ports                          | 1                          |
| Shielded                       | Yes                        |
| Surface Mount Compatible (SMC) | Yes                        |
| Temperature Range - Operating  | -55° to +150°C             |
| Termination Style              | Through Hole               |
| Waterproof / Dustproof         | No                         |
| Waterproof / Dustproof Type    | IP20                       |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
|-------------------------------|------|

**Material Info**

|                    |                   |
|--------------------|-------------------|
| Engineering Number | FEVT25S21SG1-2430 |
|--------------------|-------------------|



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

**China RoHS**

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[173109](#) Series

**Mates With**

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

This document was generated on 04/10/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**