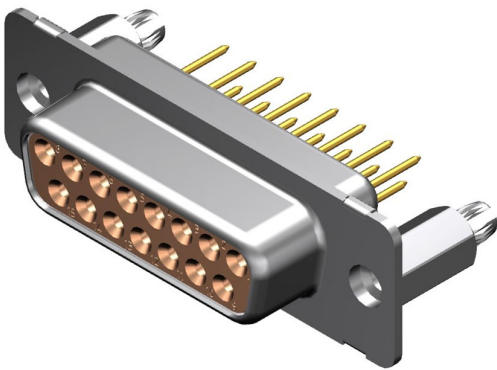




**Part Number :** [1731092436](#)  
**Product Description :** FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 15 Circuits, Heat Resistant Natural Insulator  
**Series Number :** 173109  
**Status :** Active  
**Product Category :** D-Sub Connectors  
**Engineering Number :** FH15S22G2-0903



Documents & Resources

Drawings  
[1731092436\\_sd.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21                                                       |
| REACH SVHC         | Contains Lead per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863                                         |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

|              |                                                                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                                                                   |
| Category     | D-Sub Connectors                                                                                                                                                                                         |
| Series       | 173109                                                                                                                                                                                                   |
| Description  | FCT Standard-Density D-Sub Connector, Female, Straight, PCB Through Hole, 11.70mm Tail Length, Gold Plating, 200 Mating Cycles, 8.10mm #4-40 Snap-in Bolt, 15 Circuits, Heat Resistant Natural Insulator |
| IP Rating    | IP20                                                                                                                                                                                                     |
| Magnetic     | Yes                                                                                                                                                                                                      |
| Product Name | FCT Products                                                                                                                                                                                             |
| Type         | Standard Density                                                                                                                                                                                         |
| UPC          | 193264029020                                                                                                                                                                                             |

### Electrical

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

### Physical

|                                |              |
|--------------------------------|--------------|
| Circuits (Loaded)              | 15           |
| Circuits (maximum)             | 15           |
| Color - Resin                  | Natural      |
| Durability (mating cycles max) | 200          |
| Gender                         | Female       |
| Material - Contact             | Copper Alloy |
| Material - Resin               | PCT          |
| Material - Shell               | Steel        |
| Net Weight                     | 9.800/g      |
| Number of Rows                 | 2            |
| Orientation                    | Straight     |

|                               |                  |
|-------------------------------|------------------|
| Packaging Type                | Carton           |
| Panel Mount                   | Rear             |
| Panel Mount Method            | Thread-In        |
| PC Tail Length                | 11.70mm          |
| PCB Locator                   | Yes              |
| PCB Retention                 | Yes              |
| PCB Thickness - Recommended   | 1.60mm           |
| 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                |
| Temperature Range - Operating | -55° to +150°C   |
| Termination Style             | Through Hole     |
| Waterproof / Dustproof        | No               |
| Waterproof / Dustproof Type   | IP20             |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number                                           |
|-------------|-------------------------------------------------------|
| Mates With  | FCT Standard-Density D-Sub, Size 2, 15 Position, Plug |

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