

## F Female Commercial Grade PCB Connector Thru Hole Solder Attachment



### FMCN5176

#### Configuration

- F Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Thru Hole
- Commercial Grade Design

#### Features

- Operating Frequency of 2 GHz Max.
- Tin Plated Phosphor Bronze Contact

#### Applications

- General Purpose Test
- PCB Applications

#### Description

Type F Female Commercial Grade Connector Solder Attachment for Thru hole Cable, part number FMCN5176, from Fairview Microwave is in-stock and ships same day. This type F female connector operates up to a maximum frequency of 2 GHz.

Fairview's type F female connector FMCN5176 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

#### Electrical Specifications

| Description     | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC      |         | 2       | GHz   |
| Impedance       |         | 50      |         | Ohms  |

#### Mechanical Specifications

##### Size

|        |                    |
|--------|--------------------|
| Length | 1.21 in [30.73 mm] |
| Width  | 0.38 in [9.65 mm]  |
| Height | 0.38 in [9.65 mm]  |
| Weight | 0.06 lbs [27.22 g] |

#### Material Specifications

| Description | Material        | Plating |
|-------------|-----------------|---------|
| Contact     | Phosphor Bronze | Tin     |
| Insulation  | P.P             |         |
| Body        | Brass           | Nickel  |

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**FMCN5176**

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### Environmental Specifications

Temperature

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

F Female Commercial Grade PCB Connector Thru Hole Solder Attachment from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [F Female Commercial Grade PCB Connector Thru Hole Solder Attachment FMCN5176](#)

URL: <https://www.fairviewmicrowave.com/f-female-thru-hole-pcb-connector-fmcn5176-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

FMCN5176 CAD Drawing
F Female Commercial Grade PCB Connector Thru Hole Solder Attachment

