

## 1.85 mm Male (Plug) 2 Hole PCB Narrow Body, 0.0866 Inches End Launch PCB Connector, Solderless



### FMCN5374

#### Configuration

- 1.85mm Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: End Launch
- 2 Hole Flange

#### Features

- Operating Frequency of 67 GHz Max.
- Good VSWR of 1.4:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

#### Description

1.85mm Male (Plug) 2 Hole End Launch PCB Connector, part number FMCN5374, from Fairview Microwave is in-stock and ships same day. This 1.85mm male connector operates up to a maximum frequency of 67 GHz and offers good VSWR of 1.4:1. Fairview's FMCN5374 2 hole flange 1.85mm connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's 1.85mm male 2 hole flange connector FMCN5374 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		67	GHz
VSWR			1.4:1	
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.85 in [21.59 mm]
Width	0.311 in [7.9 mm]
Height	0.295 in [7.49 mm]
Weight	0.0132 lbs [5.99 g]
Mating Cycles	500 Cycles

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PEI	
Body	Passivated Stainless Steel	

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**Environmental Specifications**

**Temperature**

Operating Range

-40 to +125 deg C

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

**Plotted and Other Data**

Notes:

1.85 mm Male (Plug) 2 Hole PCB Narrow Body, 0.0866 Inches End Launch PCB Connector, Solderless 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: [1.85 mm Male \(Plug\) 2 Hole PCB Narrow Body, 0.0866 Inches End Launch PCB Connector, Solderless FMCN5374](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/1.85mm-male-end-launch-pcb-connector-fmcn5374.html>

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.

FMCN5374 CAD Drawing

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