

RA F Female Commercial Grade PCB Connector Thru Hole Solder Attachment .341 inch D Hole



FMCN5174

Configuration

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

Features

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

Applications

- General Purpose Test
- PCB Applications

Description

RA type F Female Commercial Grade Connector Solder Attachment for Thru hole Cable, part number FMCN5174, from Fairview Microwave is in-stock and ships same day. This type F female connector operates up to a maximum frequency of 2 GHz. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA type F female connector FMCN5174 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	0.69 in [17.53 mm]
Height	0.38 in [9.65 mm]
Weight	0.1 lbs [45.36 g]

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Contact Spring	Phosphor Bronze	Gold
Insulation	PTFE	
Body	Brass	Nickel 0.76µin minimum

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Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

RA F Female Commercial Grade PCB Connector Thru Hole Solder Attachment .341 inch D Hole 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: [RA F Female Commercial Grade PCB Connector Thru Hole Solder Attachment .341 inch D Hole FMCN5174](#)

URL: <https://www.fairviewmicrowave.com/f-female-thru-hole-pcb-connector-fmcn5174-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.

