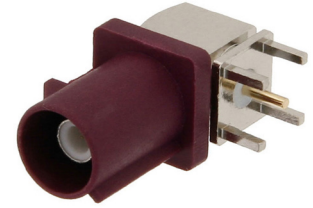


## RF PCB Connector, FAKRA Plug Right Angle Connector Solder Attachment Thru Hole PCB, Bordeaux Color

RA FAKRA plug connector with solder attachment for thru hole PCB, bordeaux color, part number FMCN44252, from Fairview Microwave is in-stock and ships same day. This FAKRA plug connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.5:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA FAKRA plug connector FMCN44252 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.



### Configuration:

- FAKRA Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment

### Features:

- Operating Frequency of 4 GHz Max.
- Good VSWR of 1.5:1
- Gold Plated Brass Contact

### Applications:

- General Purpose Test
- PCB Applications

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms
Inner Cond. DC Resistance			6	mOhms
Outer Cond. DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms

### Mechanical Specifications

<b>Size</b>	
Length	0.031 in [0.79 mm]
Width/Dia.	0.37 in [9.40 mm]
Height	0.433 in [11 mm]
Weight	0.012 lbs [5.44 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Plastic	

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## Environmental Specifications

### Temperature

Operating Range -40 to +85 deg C

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

## Plotted and Other Data

Notes:

RF PCB Connector, FAKRA Plug Right Angle Connector Solder Attachment Thru Hole PCB, Bordeaux Color 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: [RF PCB Connector, FAKRA Plug Right Angle Connector Solder Attachment Thru Hole PCB, Bordeaux Color FMCN44252](#)

URL: <https://www.fairviewmicrowave.com/fakra-plug-thru-hole-pcb-connector-fmcn44252-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.

