

WR-42 Bandpass Waveguide Filter With a 20.2 GHz to 21.2 GHz Pass Band

Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq. Range	20.2	-	21.2	GHz
Insertion Loss			1.5	dB
Passband VSWR			1.4:1	
Rejection at 19.2 GHz	40			dB
Rejection at 22.8 GHz	40			dB

(Values at 25°C, sea level)

Mechanical Specifications

Size

Length	3.4 in [86.36 mm]
Width	0.88 in [22.35 mm]
Height	0.88 in [22.35 mm]

Flange 1

Type	WR-42
------	-------

Flange 2

Type	WR-42
------	-------

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
----------------	-----

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

WR-42 Bandpass Waveguide Filter With a 20.2 GHz to 21.2 GHz Pass Band 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-42 Bandpass Waveguide Filter With a 20.2 GHz to 21.2 GHz Pass Band SFWR42-0332](#)

URL: <http://www.fairviewmicrowave.com/wr-42-bandpass-waveguide-filter-20.2-21.2-ghz-pass-band-sfwr42-0332-p.aspx>

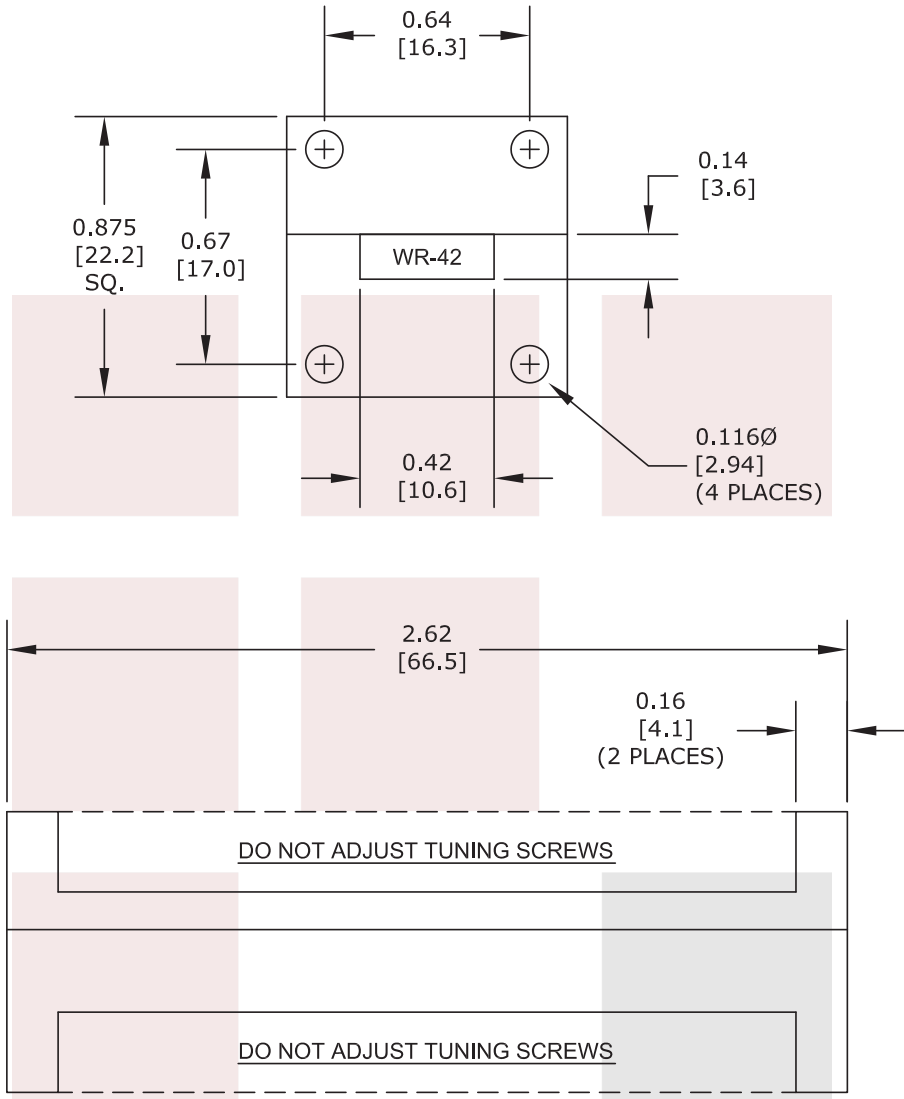
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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.



Features:

- Passband: Band Pass
- Number of Sections: 5
- Flange 1: WR-42
- Flange 2: WR-42

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com



FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE WR-42 Bandpass Waveguide Filter With a 20.2 GHz to 21.2 GHz Pass Band		DWG NO SFWR42-0332		CAGE CODE 3FKR5	
CAD FILE	052314	SHEET	SCALE	N/A	SIZE A 2233