

WR-42 Bandpass Waveguide Filter With a 25.05 GHz to 25.25 GHz Pass Band

Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq. Range	25.05	-	25.25	GHz
Insertion Loss			1	dB
Passband VSWR			1.5:1	
Center Passband VSWR		1.5		
Input Power			5	Watts
Rejection at 24.25 GHz	50			dB
Rejection at 24.45 GHz	50			dB

(Values at 25°C, sea level)

Mechanical Specifications

Size

Length	2.2 in [55.88 mm]
Width	0.88 in [22.35 mm]
Height	0.88 in [22.35 mm]

Flange 1

Type	WR-42
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Flange 2

Type	WR-42
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:

- Values at 25 °C, sea level

WR-42 Bandpass Waveguide Filter With a 25.05 GHz to 25.25 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 25.05 GHz to 25.25 GHz Pass Band SFWR42-0335](#)

URL: <http://www.fairviewmicrowave.com/wr-42-bandpass-waveguide-filter-25.05-25.25-ghz-pass-band-sfwr42-0335-p.aspx>

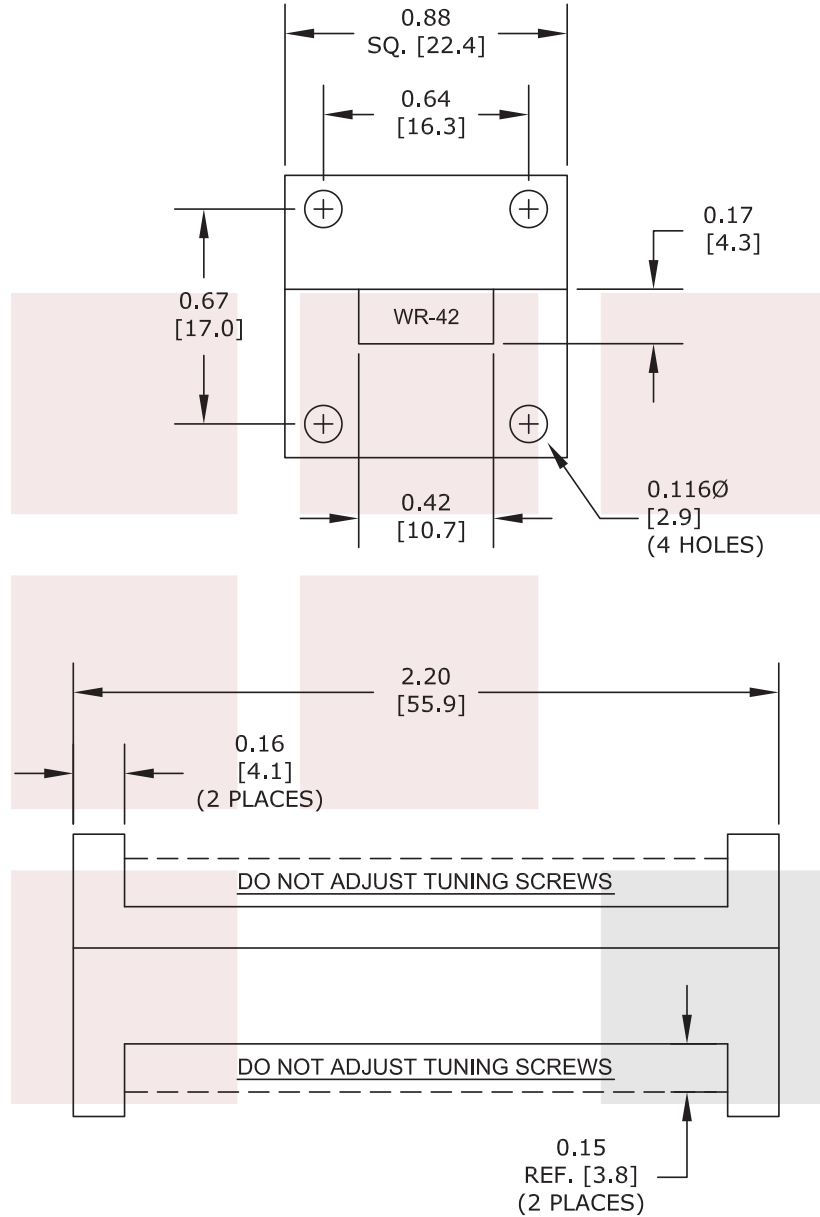
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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
- Flange 1: WR-42
- Flange 2: WR-42

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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 25.05 GHz to 25.25 GHz Pass Band	DWG NO	SFWR42-0335		CAGE CODE 3FKR5	
	CAD FILE	052314	SHEET	SCALE	N/A
				SIZE	A
					2233