

**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](http://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](http://www.fairviewmicrowave.com/wr-42-bandpass-waveguide-filter-25.05-25.25-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>

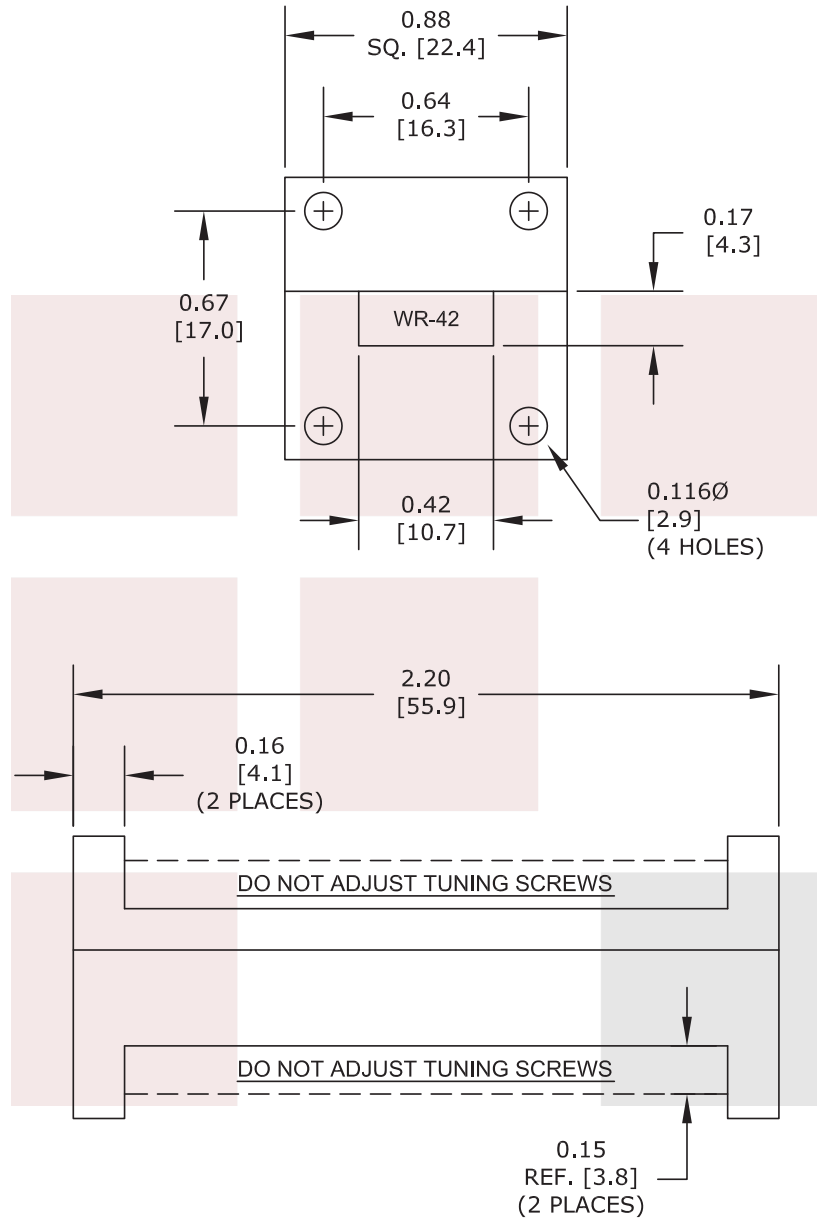
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to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