

"High Frequency Ceramic Solutions"

5.5 GHz Band Pass Filter

Detail Specification

P/N 5487BP15B675

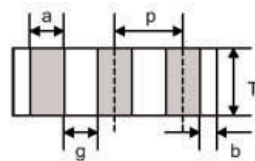
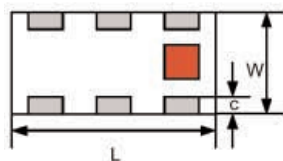
Rev. 01/29/2002 Page 1 of 2

Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss	Ripple
5487BP15B675_	5150 - 5825	1.8 dB max	35 dB @ 2.57-2.90 GHz 22 dB @ 10.3-11.65 GHz 30 dB @ 15.45-17.47 GHz	9.5 dB min.	0.7 dB max.

Input Power	Group Delay	Impedance	Operating Temperature Range
3 Watts max	5.0 nS max.	50 Ω	-40 to +85°C

Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.079 $\pm$.004	0.049 $\pm$.004	0.034 $\pm$.004	0.012 $\pm$.004	0.008 $\pm$.004	0.012 $\pm$.004/-0.008	0.014 $\pm$.004	0.026 $\pm$.002
mm	2.0 $\pm$ 0.1	1.25 $\pm$ 0.1	0.85 $\pm$ 0.1	0.30 $\pm$ 0.1	0.20 $\pm$ 0.1	0.30 $\pm$ 0.1/-0.2	0.35 $\pm$ 0.1	0.65 $\pm$ 0.05



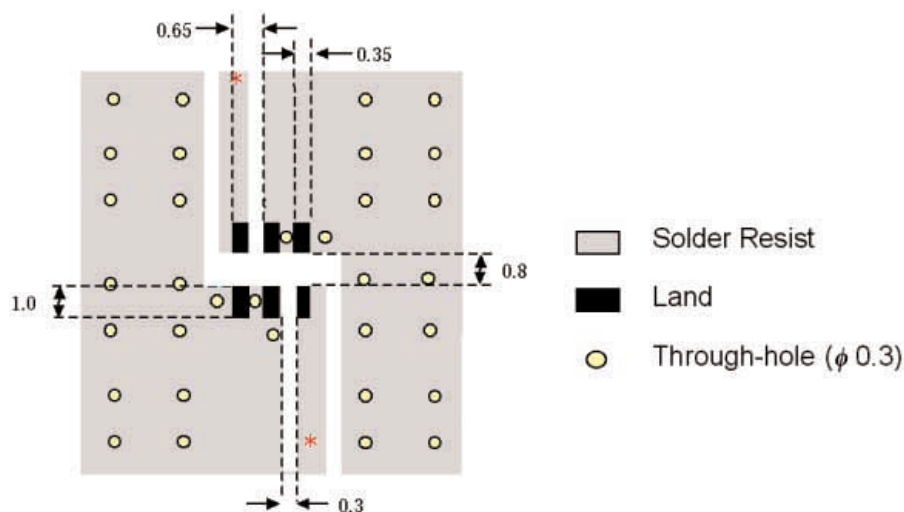
Terminal Configuration

1	GND	4	GND
2	GND	5	GND
3	I/O	6	I/O



Mounting Considerations

Mount these devices with brown colored side facing up. * Line width should be designed to provide 50 Ω impedance matching characteristics.



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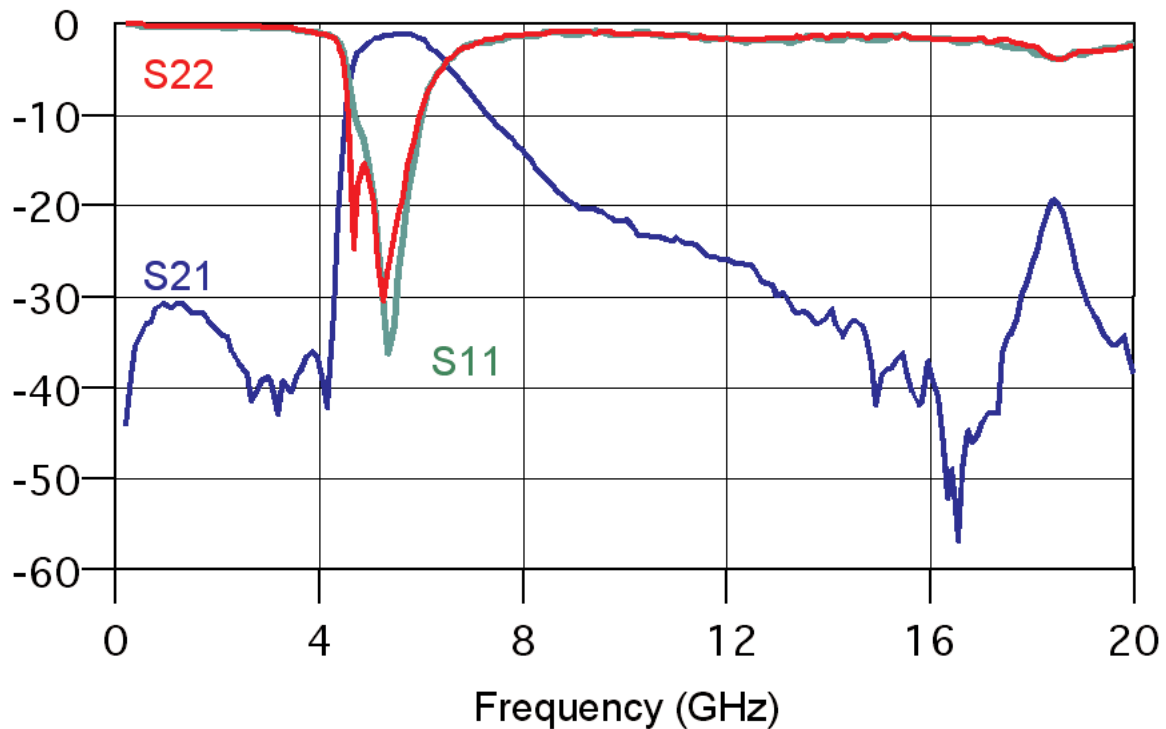
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Rev. 01/29/2002 Page 2 of 2

Typical Insertion Loss / Return Loss



Delivery

Packaged in embossed tape on 7" reels (3000 / reel)
Standard delivery is eight weeks or sooner ARO