

"High Frequency Ceramic Solutions"

5.5 GHz Band Pass Filter

Detail Specification 02/07/03

P/N 5515BP15B725

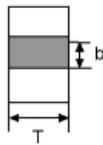
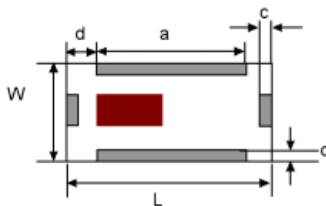
Page 1 of 2

Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss
5515BP15B725_	5150 - 5875	1.5 dB max.	30 dB @ 3500 MHz	9.5 dB min.

Input Power	Impedance	Operating Temperature Range
500 mW max	50 Ω	-40 to +85°C

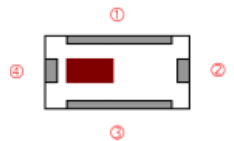
Mechanical Dimensions

	L	W	T	a	b	c	d
Inches	0.079 $\pm$.006	0.049 $\pm$.004	0.037 $\pm$.004	0.051 $\pm$.006	0.012 $\pm$.006	0.010 $\pm$.006	0.014 $\pm$.006
mm	2.0 $\pm$ 0.15	1.25 $\pm$ 0.10	0.95 $\pm$ 0.10	1.30 $\pm$ 0.15	0.30 $\pm$ 0.15	0.25 $\pm$ 0.15	0.35 $\pm$ 0.15



Terminal Configuration

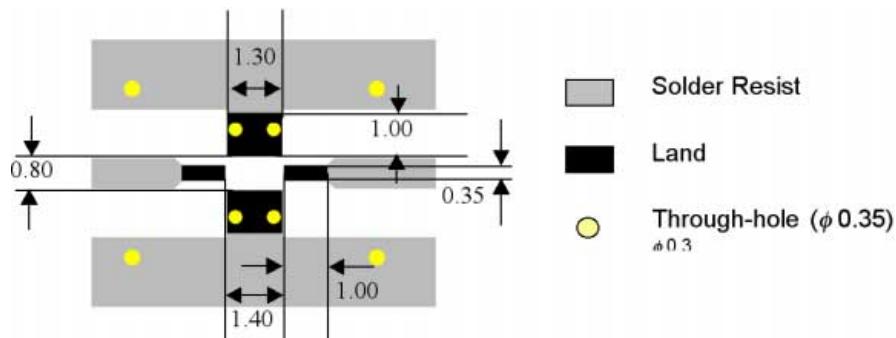
No.	Function	No.	Function
1	GND	3	GND
2	OUT	4	IN



Mounting Considerations

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

Units: mm



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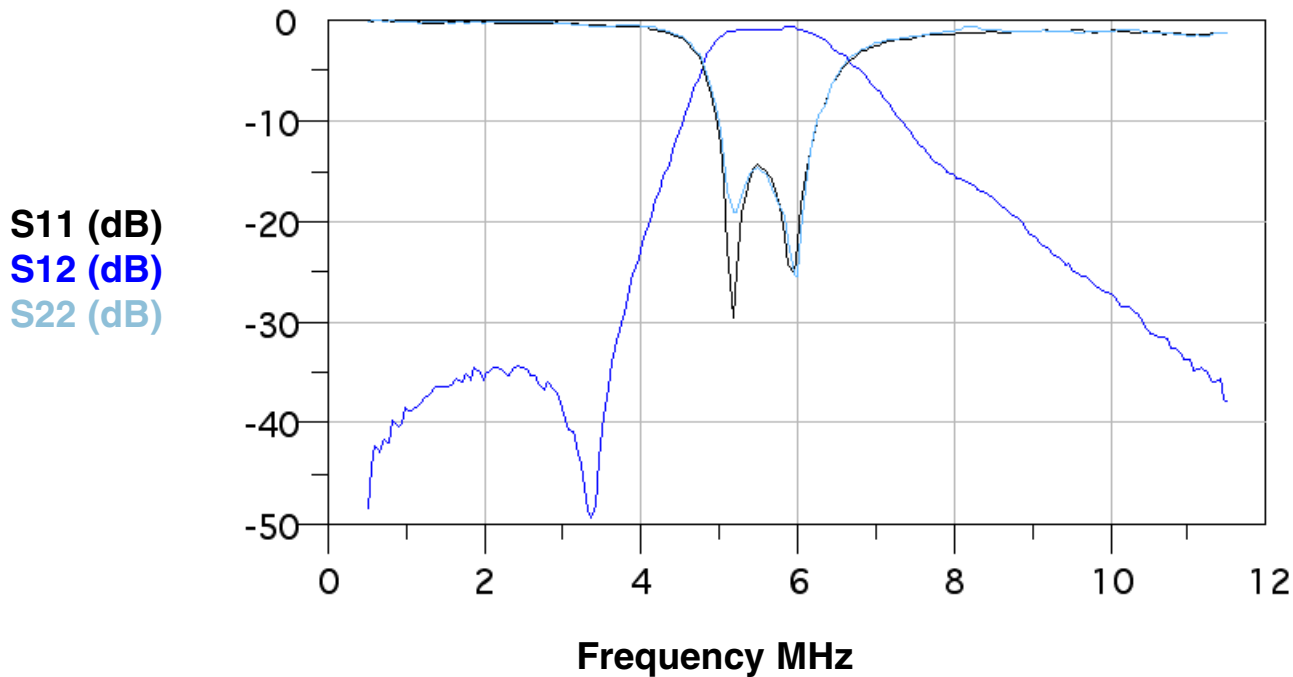
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Page 2 of 2

Typical Insertion Loss / Return Loss



Delivery

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