

"High Frequency Ceramic Solutions"

5.5 GHz Band Pass Filter

P/N 5515BP15B975

Detail Specification 04/24/03

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General Specifications

Part Number	5515BP15B975
Frequency (MHz)	4900~5875
Insertion Loss	1.5 dB max.
Return Loss	9.5 dB min.
Attenuation (min.)	30 dB @ 3500 MHz

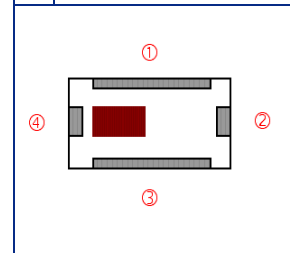
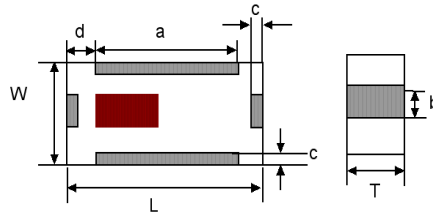
Input Power	500mW max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

	In	mm
L	0.079 $\pm$ 0.006	2.00 $\pm$ 0.15
W	0.049 $\pm$ 0.004	1.25 $\pm$ 0.10
T	0.037 $\pm$ 0.004	0.95 $\pm$ 0.10
a	0.051 $\pm$ 0.006	1.30 $\pm$ 0.15
b	0.012 $\pm$ 0.006	0.30 $\pm$ 0.15
c	0.010 $\pm$ 0.006	0.25 $\pm$ 0.15
d	0.014 $\pm$ 0.006	0.35 $\pm$ 0.15

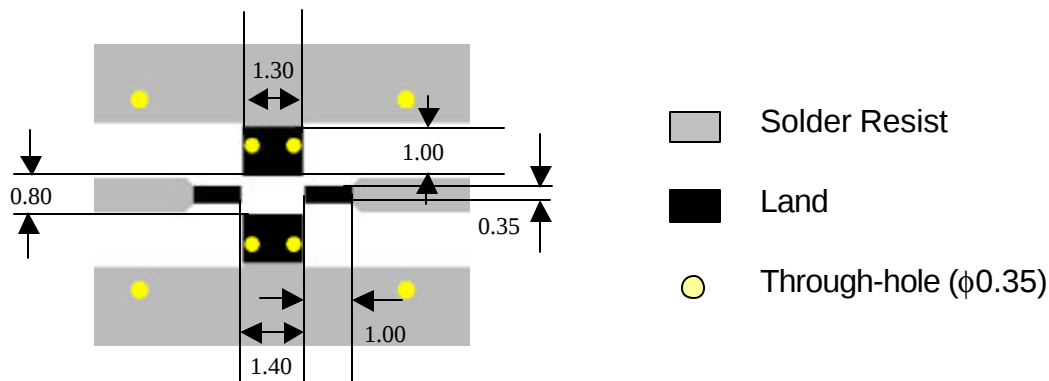


Mounting Considerations

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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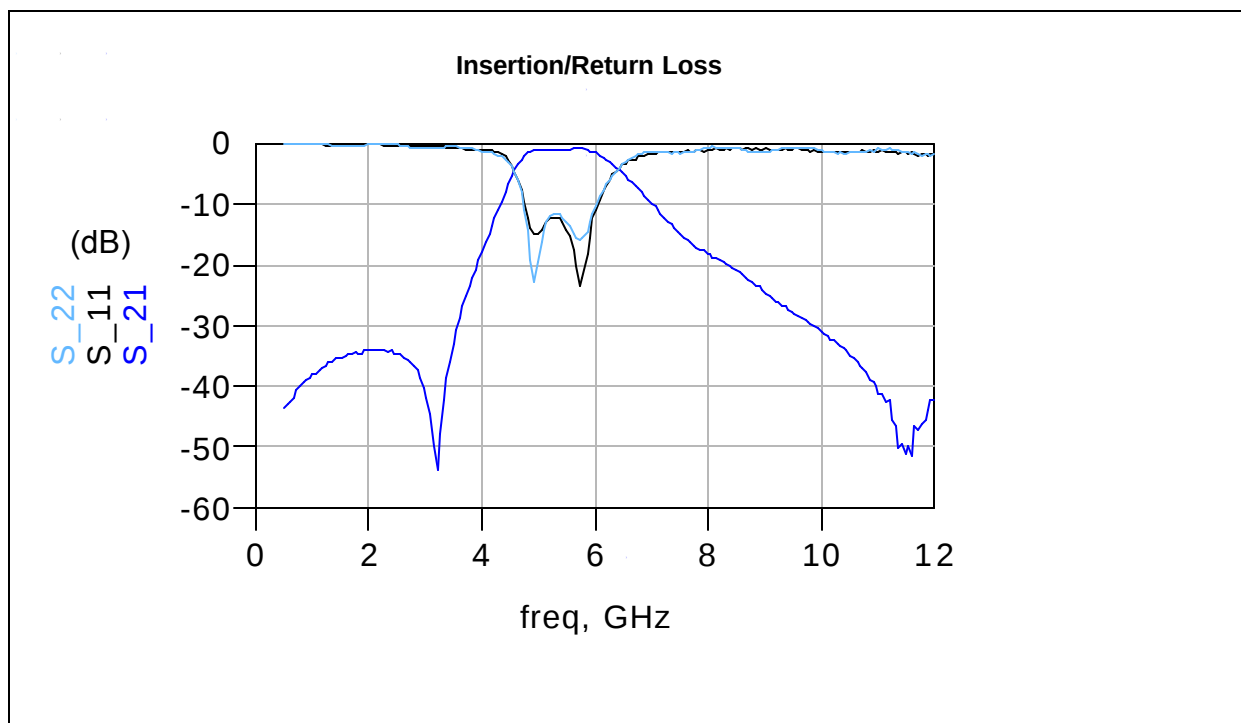
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Typical Electrical Performance (T=25°C)



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