

High Frequency Ceramic Solutions

Preliminary

5.525 GHz Band Pass Filter

P/N 5525BP15B0750

Detail Specification: 06/11/09

Page 1 of 2

General Specifications

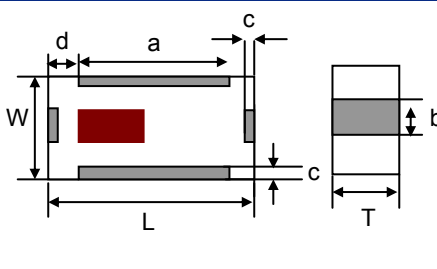
Part Number	5525BP15B0750	
Frequency (MHz)	5150 - 5900	
Insertion Loss	3.5 dB max.	
Return Loss	7.4 dB min.	
Attenuation (min.)	4000MHz	35 dB
Attenuation (min.)	4500MHz	35 dB
Attenuation (min.)	4600MHz	40 dB

Input Power	500 mW max.
Impedance	50 Ω
Reel Quantity	4,000
Operating Temperature	-40 to +85°C
Storage Temperature	+5 to +35°C, Humidity 45-75%RH, 12 mos. max*

* - 1 yr shelf life in bag; 1 week shelf life out of bag;
Vacuum reseal unused reel

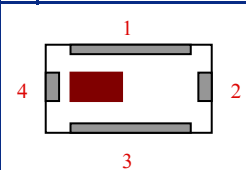
Mechanical Dimensions

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



Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

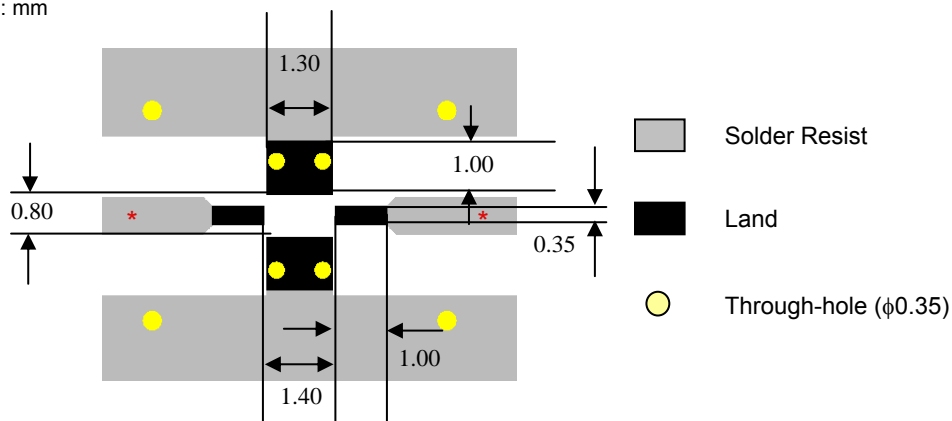


Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50 Ω impedance matching characteristics.

Units: mm



Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



www.johansontechnology.com

4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2009 Johanson Technology, Inc. All Rights Reserved

High Frequency Ceramic Solutions

Preliminary

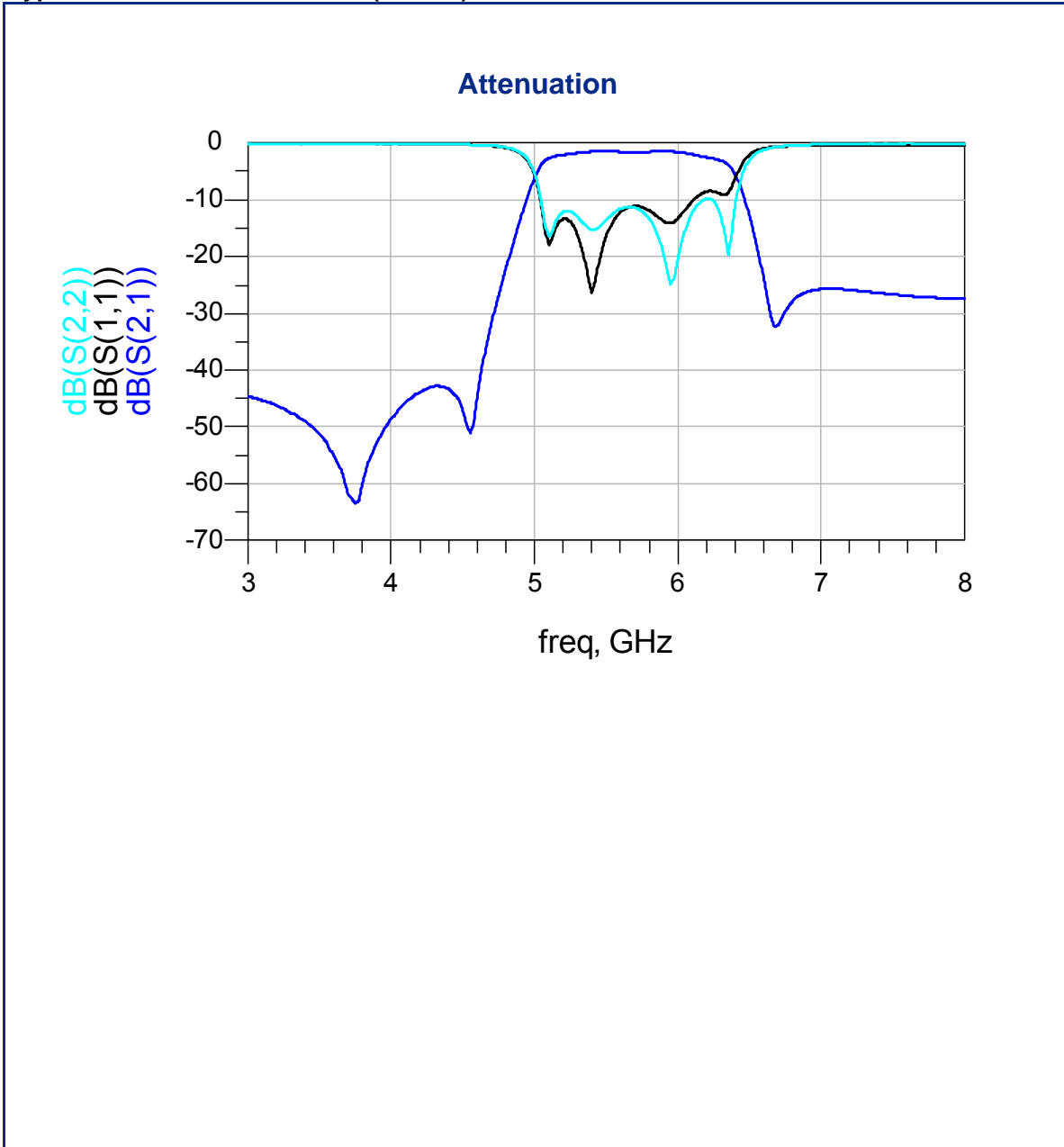
5.525 GHz Band Pass Filter

P/N 5525BP15B0750

Detail Specification: 06/11/09

Page 2 of 2

Typical Electrical Performance (T=25°C)



Johanson Technology, Inc. reserves the right to make design changes without notice.

All sales are subject to Johanson Technology, Inc. terms and conditions.



www.johansontechnology.com

4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2009 Johanson Technology, Inc. All Rights Reserved