

"High Frequency Ceramic Solutions"

2.6 GHz Band Pass Filter

P/N 2593BP44B186

Detail Specification: 11/21/03

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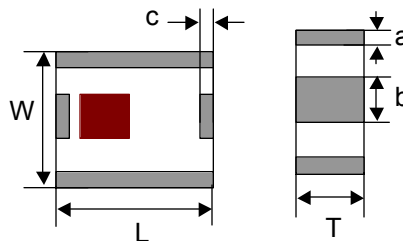
General Specifications

Part Number	2593BP44B186	
Frequency (MHz)	2500 - 2686	
Insertion Loss	2.0 dB max.	
Return Loss	9.5 dB min.	
Attenuation (min.)	1870 ~ 2056 MHz	40 dB

Input Power	500 mW max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	2,000

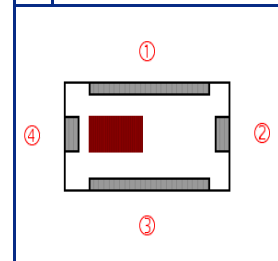
Mechanical Dimensions

	In	mm
L	0.177 $\pm$ 0.006	4.50 $\pm$ 0.15
W	0.126 $\pm$ 0.004	3.20 $\pm$ 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



Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

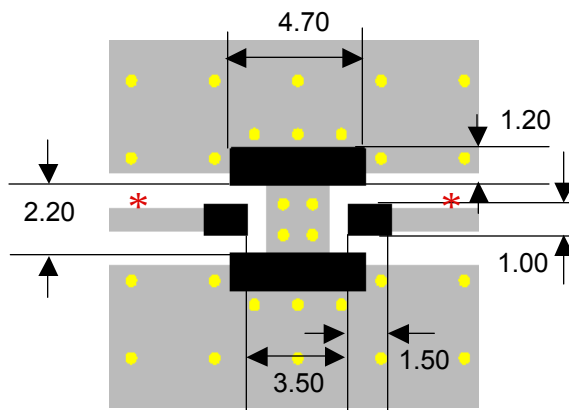


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



- Solder Resist
- Land
- Through-hole (ϕ 0.3)

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

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www.johansontechnology.com

931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

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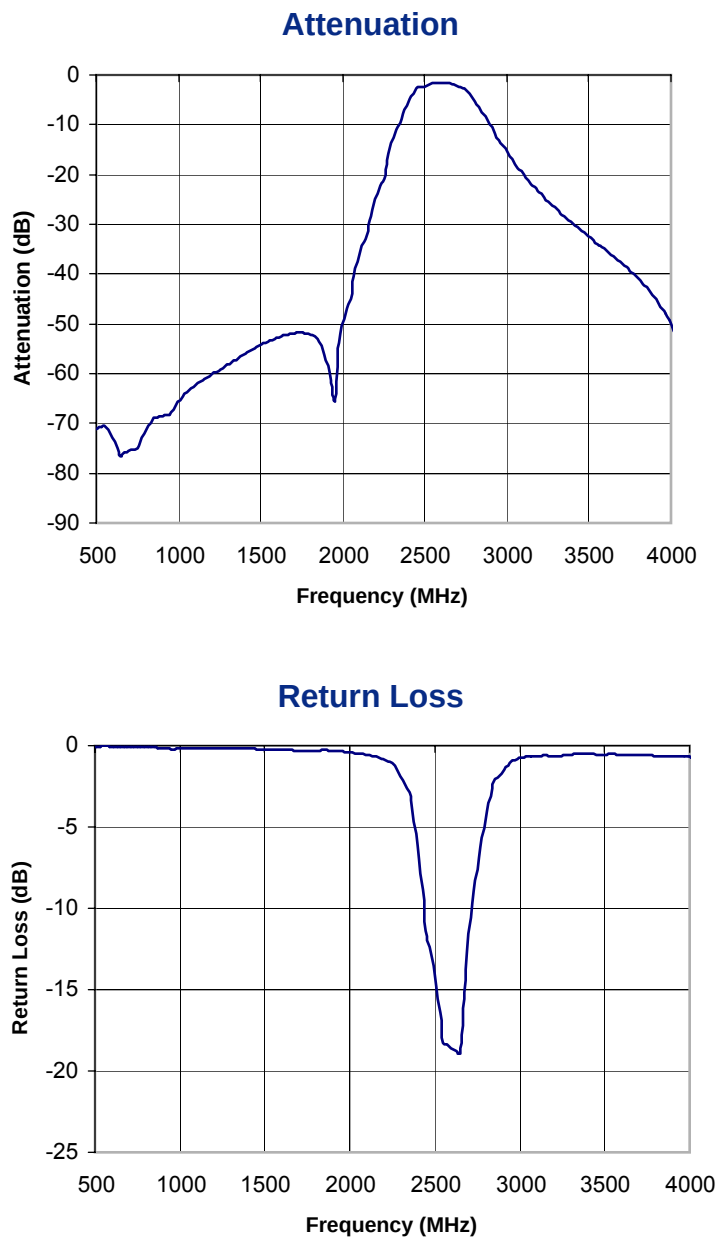
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Typical Electrical Performance (T=25°C)



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