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[Johanson Technology Inc.](#)  
[2593BP44B186E](#)

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# "High Frequency Ceramic Solutions"

**2.6 GHz Band Pass Filter** **P/N 2593BP44B186**  
 Detail Specification: 02/06/06 Page 1 of 2

### General Specifications

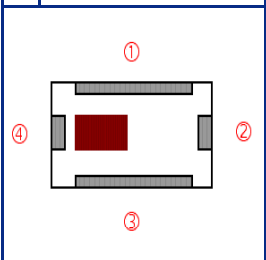
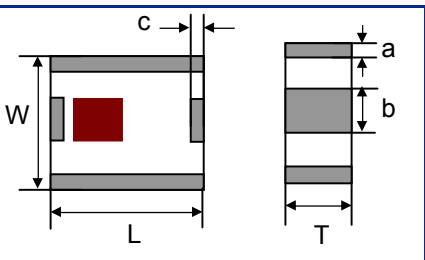
<b>Part Number</b>	2593BP44B186		<b>Input Power</b>	500 mW max.
<b>Frequency (MHz)</b>	2500 - 2686		<b>Impedance</b>	50 Ω
<b>Insertion Loss</b>	2.0 dB max.		<b>Operating Temperature</b>	-40 to +85°C
<b>Return Loss</b>	9.5 dB min.		<b>Storage Temperature</b>	-40 to +85°C
<b>Attenuation (min.)</b>	1870 ~ 2056 MHz	40 dB	<b>Reel Quantity</b>	2,000

### Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

### Mechanical Dimensions

	In	mm
<b>L</b>	0.177 ± 0.006	4.50 ± 0.15
<b>W</b>	0.126 ± 0.004	3.20 ± 0.10
<b>T</b>	0.059 ± 0.004	1.50 ± 0.10
<b>a</b>	0.016 ± 0.008	0.40 ± 0.20
<b>b</b>	0.031 ± 0.008	0.80 ± 0.20
<b>c</b>	0.012 ± 0.006	0.30 ± 0.15



### Mounting Considerations

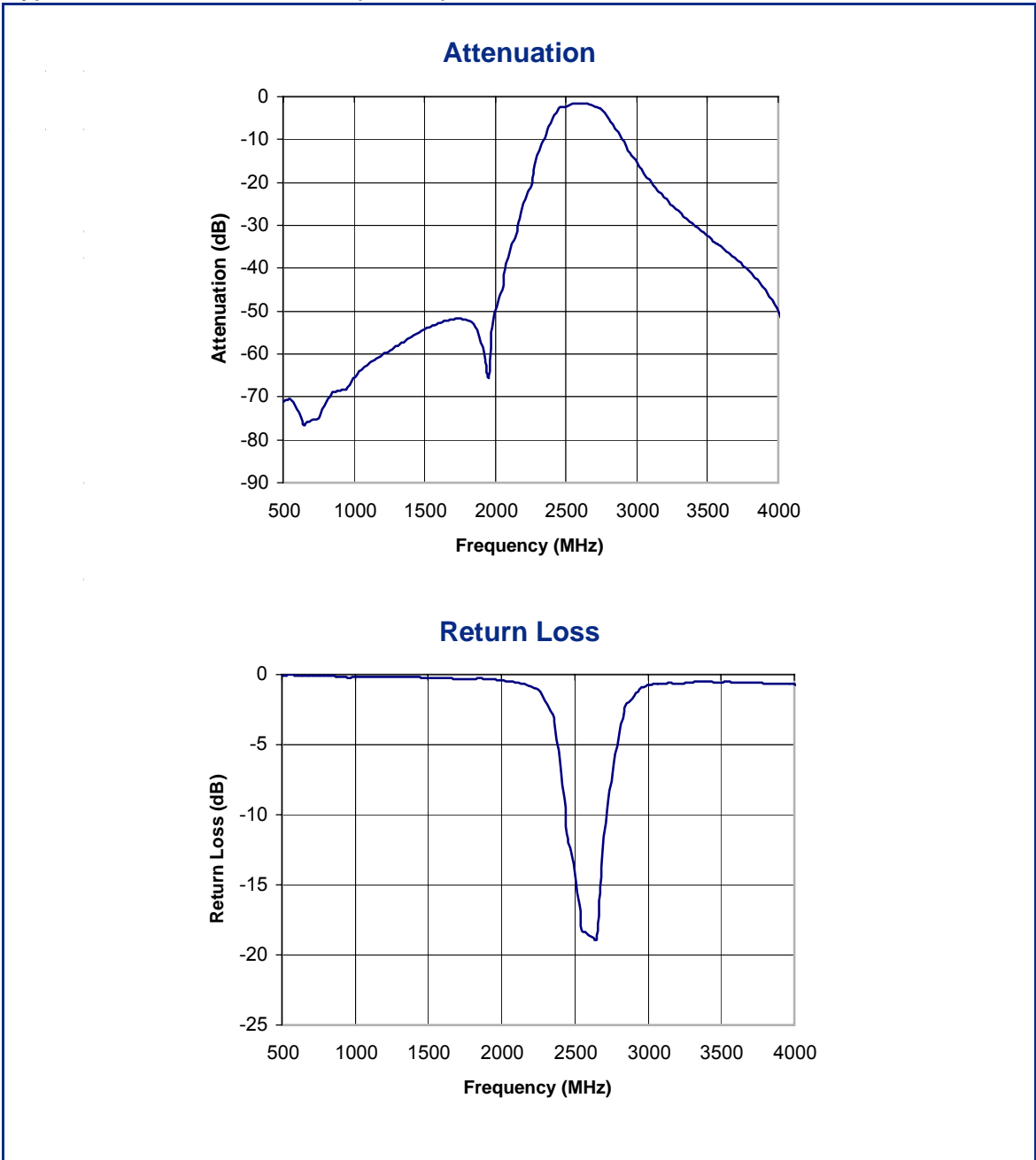
Mount these devices with brown mark facing up.  
 \* Line width should be designed to provide 50Ω impedance matching characteristics.  
 Units: mm

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**Typical Electrical Performance (T=25°C)**



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