

# High Frequency Ceramic Solutions

Preliminary

## 2.6 GHz Band Pass Filter

P/N 2598BP39A0205

Detail Specification: 01/19/09

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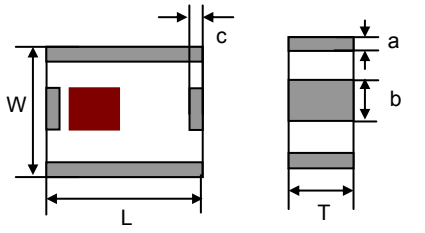
### General Specifications

Part Number	2598BP39A0205	
Frequency (MHz)	2495 - 2700	
Insertion Loss	3 dB max.	
Return Loss	9.5 dB min.	
Attenuation (min.)	2039 - 2244 MHz	12 dB
Attenuation (min.)	2951 - 3156 MHz	24 dB
Attenuation (min.)	4990 - 5400 MHz	12 dB

Impedance	50 $\Omega$
Input Power	500 mW max.
Operating Temperature	-40 to +85°C
Storage Temperature	+5 ~ +35°C, Humidity 45~75%RH, 12 mos. Max
Reel Quantity	3,000

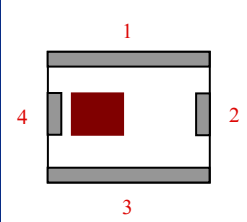
### Mechanical Dimensions

	In	mm
L	0.098 $\pm$ 0.008	2.50 $\pm$ 0.20
W	0.079 $\pm$ 0.008	2.00 $\pm$ 0.20
T	0.035 $\pm$ 0.004	0.90 $\pm$ 0.10
a	0.012 $\pm$ 0.008	0.30 $\pm$ 0.20
b	0.024 $\pm$ 0.008	0.60 $\pm$ 0.20
c	0.012 $\pm$ 0.008	0.30 $\pm$ 0.20



### Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

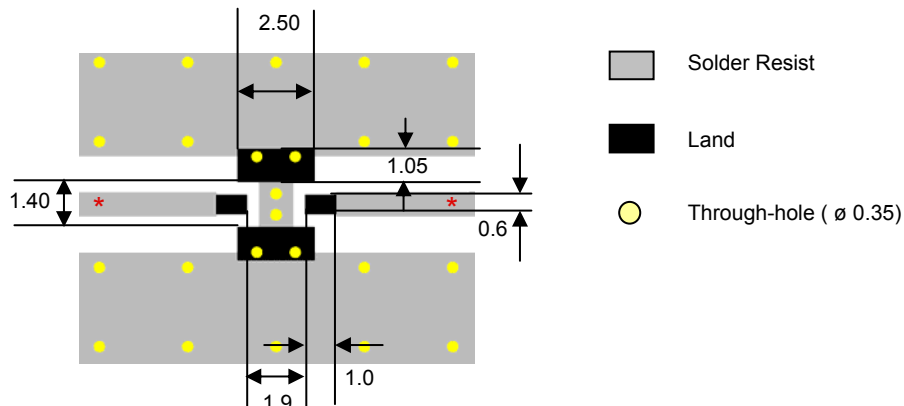


### Mounting Considerations

Mount these devices with brown mark facing up.

\* Line width should be designed to provide 50  $\Omega$  impedance matching characteristics.

Units: mm



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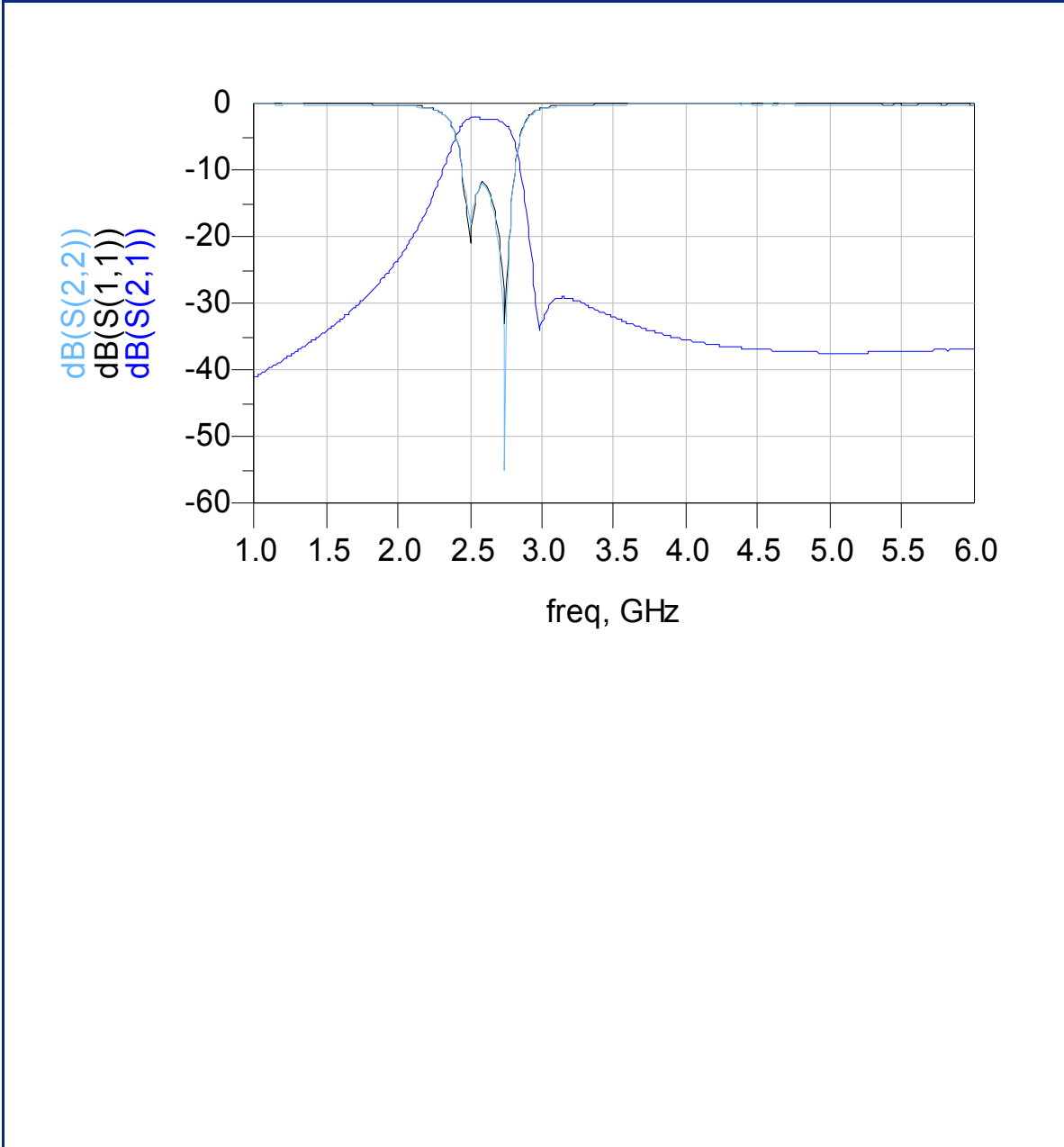


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## Typical Electrical Performance (T=25°C)



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