

High Frequency Ceramic Solutions

5400 MHz Band Pass Filter

P/N 5400BP39A0100

Detail Specification: 07/28/09

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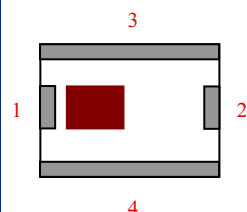
General Specifications

Part Number	5400BP39A0100
Frequency (MHz)	4900 - 5900
Attenuation (min.)	24 dB @ 3800 - 4500 MHz
Attenuation (min.)	20 dB @ 6300 - 7100 MHz
Insertion Loss	3.5 dB max
Return Loss	8.5 dB min

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

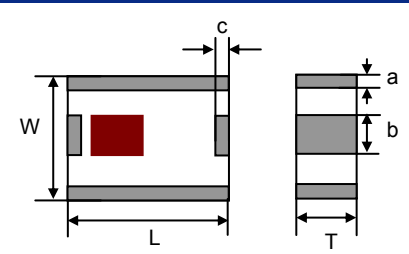
P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 5400BP39A0100S
		T & R	Suffix = E	Eg. 5400BP39A0100E
Termination Style		100% Tin	Suffix = None	Eg. 5400BP39A0100(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 5400BP39A0100(E or S)/Pb

Terminal Configuration	
No.	Function
1	IN
2	OUT
3	GND
4	GND



Mechanical Dimensions

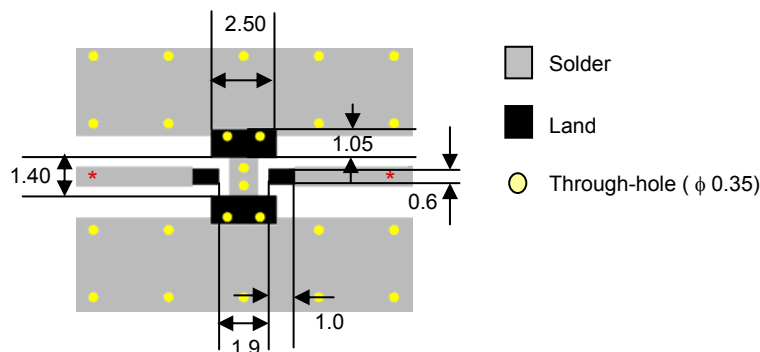
	In	mm
L	0.098 ± 0.008	2.50 ± 0.20
W	0.079 ± 0.008	2.00 ± 0.20
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.008	0.30 ± 0.20
b	0.024 ± 0.008	0.60 ± 0.20
c	0.012 ± 0.008	0.30 ± 0.20



Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50 ohm impedance, depending on PCB material and thickness



Units: mm

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

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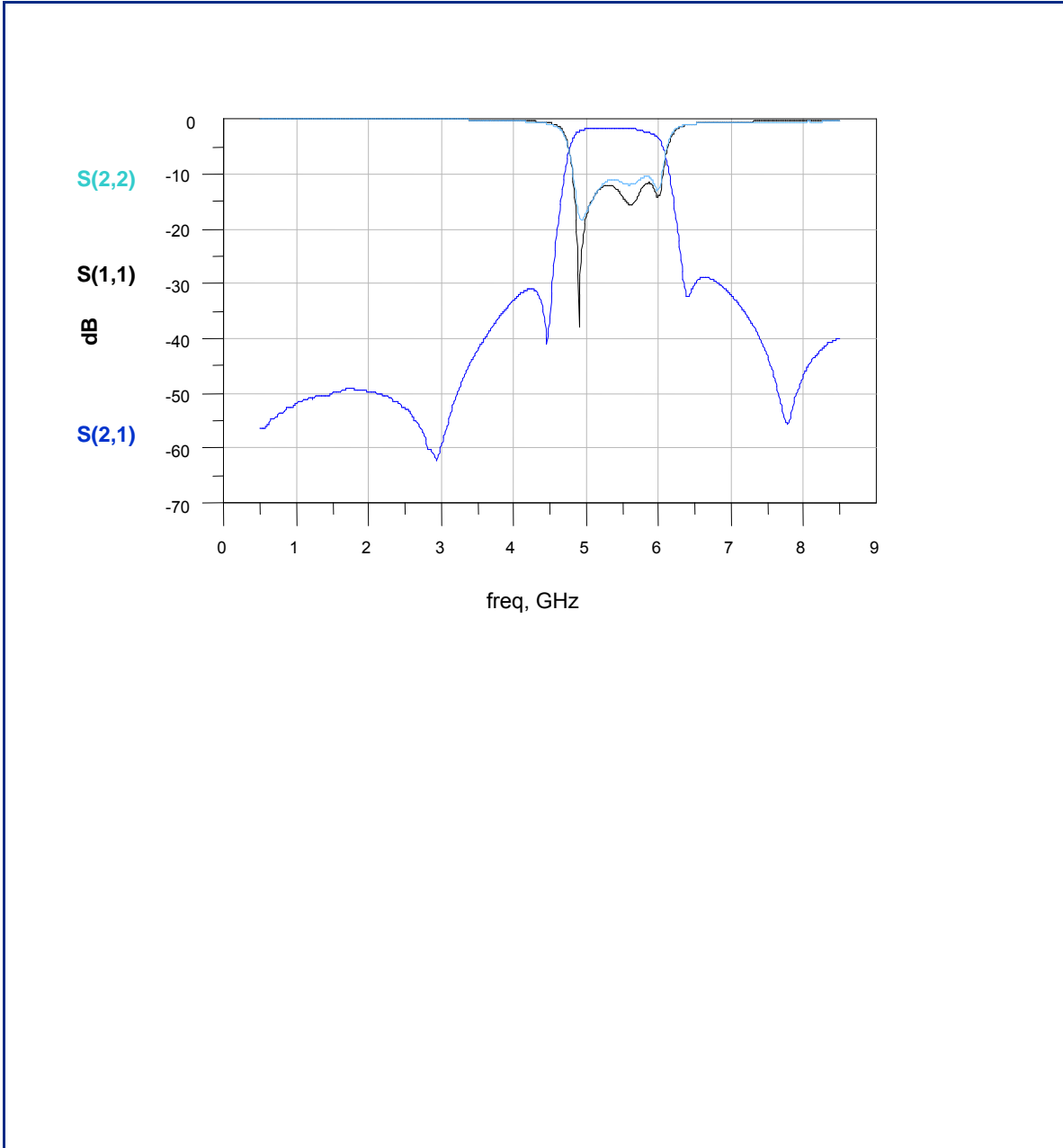
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Typical Electrical Performance (T=25°C)



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