

High Frequency Ceramic Solutions

5388 MHz Band Pass Filter

P/N 5388BP15A0975

Detail Specification: 10/06/08

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General Specifications

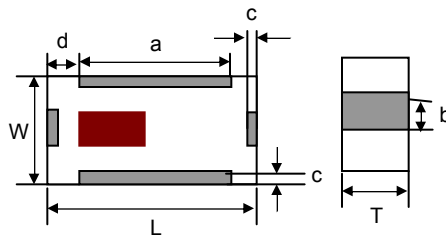
Part Number	5388BP15A0975
Frequency (MHz)	4900 - 5875
Insertion Loss	1.8 dB max.
Return Loss	8.5 dB min.
Attenuation (min.)	30 dB @ 500 - 4000 MHz
Attenuation (min.)	20 dB @ 4200 MHz
Attenuation (min.)	15 dB @ 9800 - 11750 MHz

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

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 5388BP15A0975S
		T & R	Suffix = E	Eg. 5388BP15A0975E
	Termination Style	100% Tin	Suffix = None	Eg. 5388BP15A0975(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 5388BP15A0975(E or S)/Pb

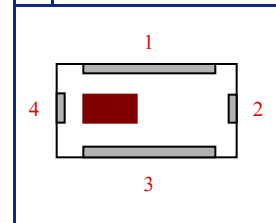
Mechanical Dimensions

	In	mm
L	0.079 $\pm$ 0.006	2.00 $\pm$ 0.15
W	0.049 $\pm$ 0.004	1.25 $\pm$ 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

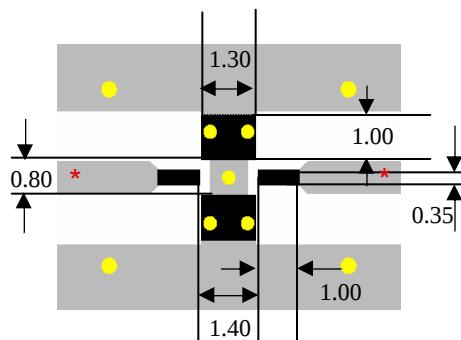
No.	Function
1	GND
2	OUT
3	GND
4	IN



Mounting Considerations

Mount these devices with brown mark facing up.

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



- Solder
- Land
- Through-hole (ϕ 0.35)

Units: mm

Johanson Technology, Inc. reserves the right to make design changes without notice.
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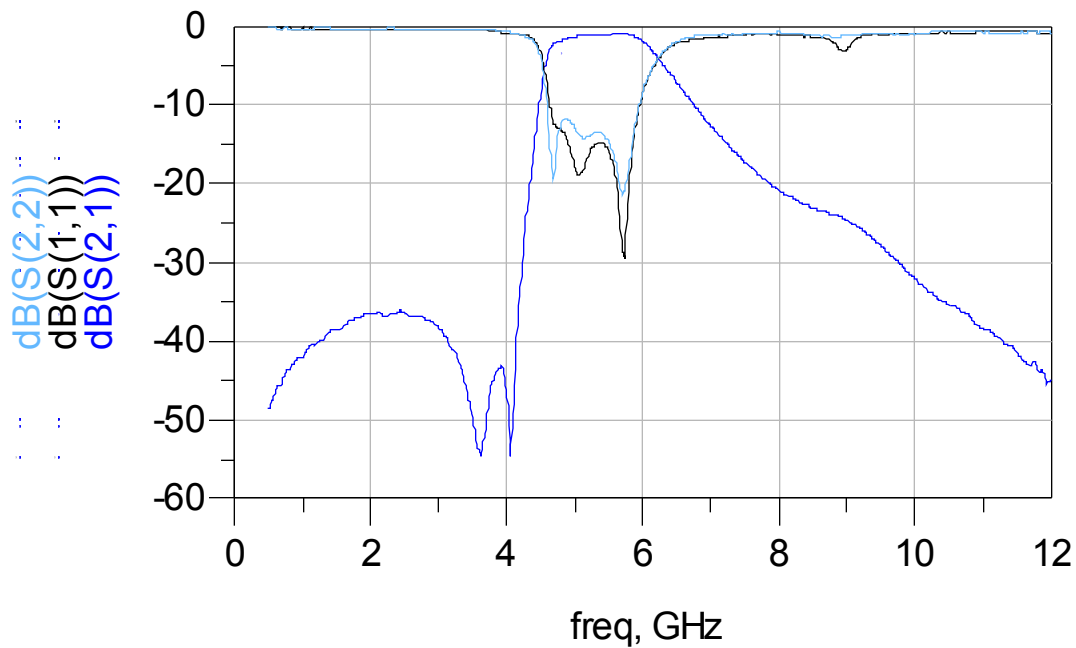
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Typical Electrical Performance (T=25°C)



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