THE DATASHEET OF

2450BP15B0100001E

www.win-source.net 0086-755-83957316

"High Frequency Ceramic Solutions"

2.45 GHz Band Pass Filter — P/N 2450BP15B100

Detail Specification: 10/07/09

General Specifications

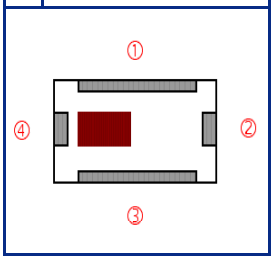
Part Number	2450BP15B100	
Frequency (MHz)	2400 - 2500	
Attenuation (min.)	1200 ~ 1300MHz	25 dB
Attenuation (min.)	2000MHz	10 dB
Attenuation (min.)	3000MHz	12 dB
Attenuation (min.)	3600 ~ 3800MHz	30 dB
Attenuation (min.)	4800 ~ 5000MHz	34 dB

Insertion Loss	2.2 dB max.
Return Loss	9.5 dB min.
Input Power	500 mW max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quanity	4,000

P/N Suffix	**Packaging Style**	Bulk	Suffix = S	Eg. 2450BP15B100S
		T & R	Suffix = E	Eg. 2450BP15B100E
	Termination Style	100% Tin	Suffix = None	Eg. 2450BP15B100(E or S)
		Tin / Lead	Suffix = /Pb	Please contact factory

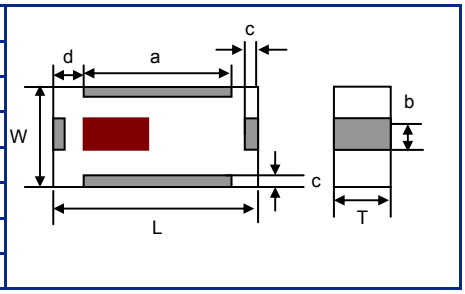
Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN



Mechanical Dimensions

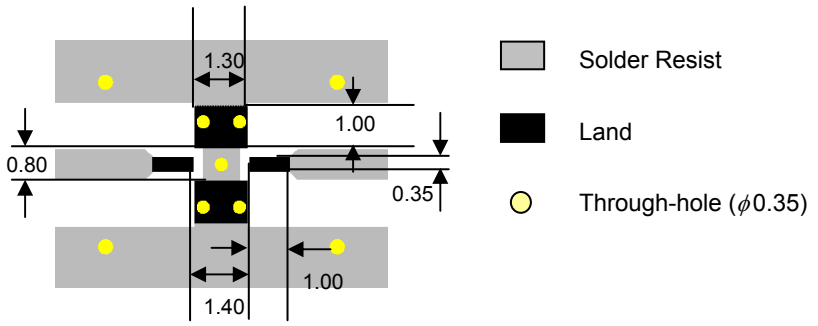
	In	mm
L	0.079 ± 0.006	2.00 ± 0.15
W	0.049 ± 0.004	1.25 ± 0.10
T	0.022 ± 0.004	0.55 ± 0.10
a	0.051 ± 0.006	1.30 ± 0.15
b	0.012 ± 0.006	0.30 ± 0.15
c	0.010 ± 0.006	0.25 ± 0.15
d	0.014 ± 0.006	0.35 ± 0.15



Mounting Considerations

Mount these devices with brown mark facing up.

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



Units: mm

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JOHANSON TECHNOLOGY

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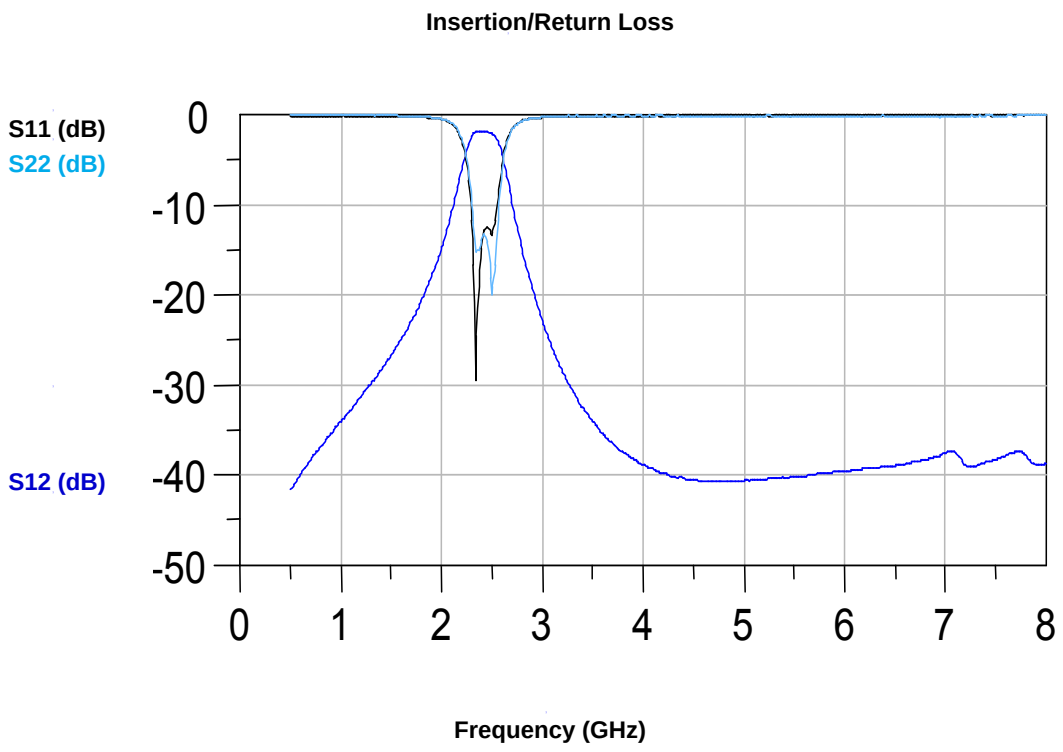
2.45 GHz Band Pass Filter **P/N 2450BP15B100**

Detail Specification: 10/07/09

Typical Electrical Performance (T=25°C)



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