



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# "High Frequency Ceramic Solutions"

## 2.45 GHz Band Pass Filter

P/N 2450BP15B100

Detail Specification: 10/07/09

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### 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 Quantity	4,000

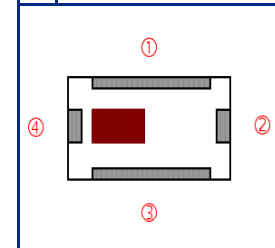
P/N	Packaging Style	Bulk	Suffix = S	Eg. 2450BP15B100S
		T & R	Suffix = E	Eg. 2450BP15B100E
Suffix	Termination Style	100% Tin	Suffix = None	Eg. 2450BP15B100(E or S)
		Tin / Lead	Suffix = /Pb	Please contact factory

### Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

### Mechanical Dimensions

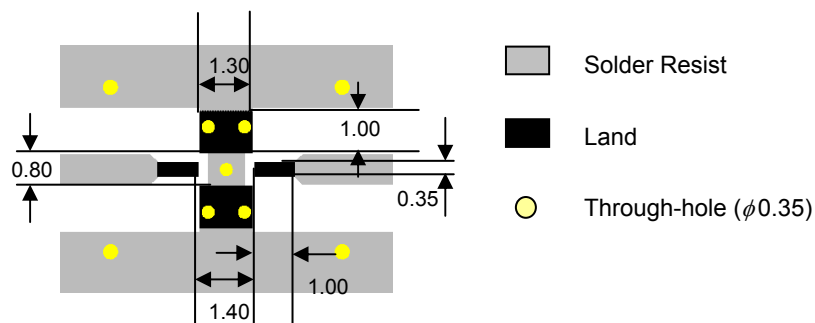
	In	mm
L	0.079 ± 0.006	2.00 ± 0.15
W	0.049 ± 0.004	1.25 ± 0.10
T	0.022 ± 0.004	0.55 ± 0.10
a	0.051 ± 0.006	1.30 ± 0.15
b	0.012 ± 0.006	0.30 ± 0.15
c	0.010 ± 0.006	0.25 ± 0.15
d	0.014 ± 0.006	0.35 ± 0.15



### Mounting Considerations

Mount these devices with brown mark facing up.

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



Units: mm

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

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# "High Frequency Ceramic Solutions"

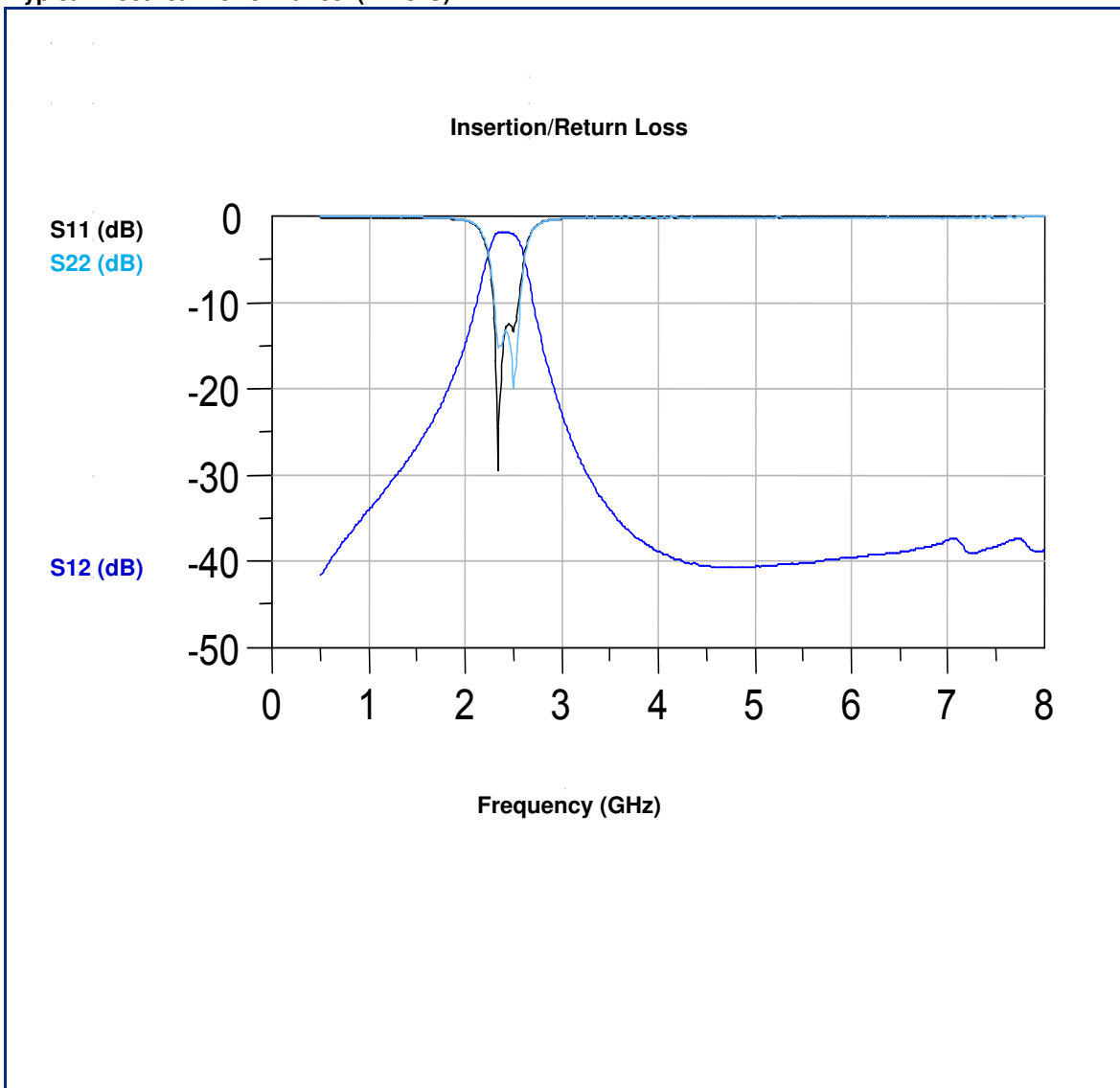
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Typical Electrical Performance (T=25°C)



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