

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Johanson Technology Inc.](#)
[2450BP15G0100E](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

High Frequency Ceramic Solutions

2.45 GHz Band Pass Filter **P/N 2450BP15G0100**
 Detail Specification: 08/31/07 Page 1 of 2

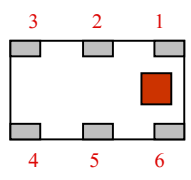
General Specifications

Part Number	2450BP15G0100		Insertion Loss	2.0 dB max.
Frequency (MHz)	2400 - 2500		Return Loss	9.5 dB min.
Attenuation (min.)	824 ~ 960MHz	30 dB	Input Power	3 Watts max.
Attenuation (min.)	1710 ~ 1910MHz	28 dB	Impedance	50 Ω
Attenuation (min.)	1910 ~ 1990MHz	20 dB	Operating Temperature	-40 to +85°C
Attenuation (min.)	4800 ~ 5000MHz	30 dB	Storage Temperature	-40 to +85°C
Attenuation (min.)	7200 ~ 7500MHz	20 dB	Reel Quantity	4,000

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 2450BP15G0100S
		T & R	Suffix = E	Eg. 2450BP15G0100E
	Termination Style	100% Tin	Suffix = None	Eg. 2450BP15G0100(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 2450BP15G0100(E or S)/Pb

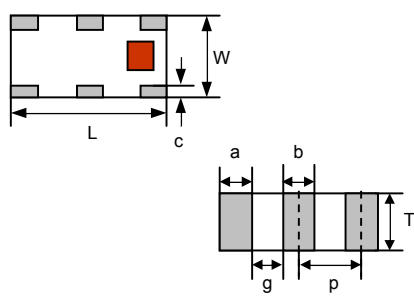
Terminal Configuration

No.	Function
1	GND
2	IN
3	GND
4	GND
5	OUT
6	GND



Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.022 ± 0.004	0.55 ± 0.10
a	0.016 ± 0.008	0.40 ± 0.20
b	0.016 ± 0.008	0.40 ± 0.20
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.016 ± 0.008	0.40 ± 0.20
p	0.031 ± 0.004	0.80 ± 0.10

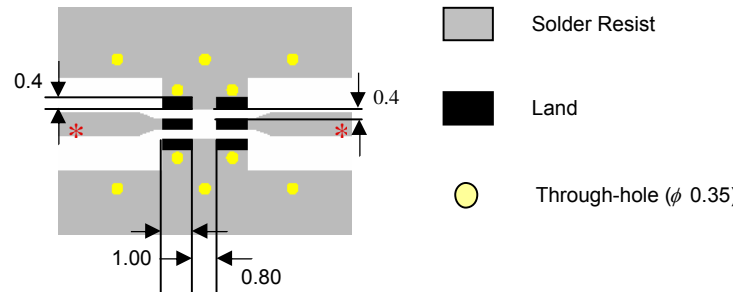


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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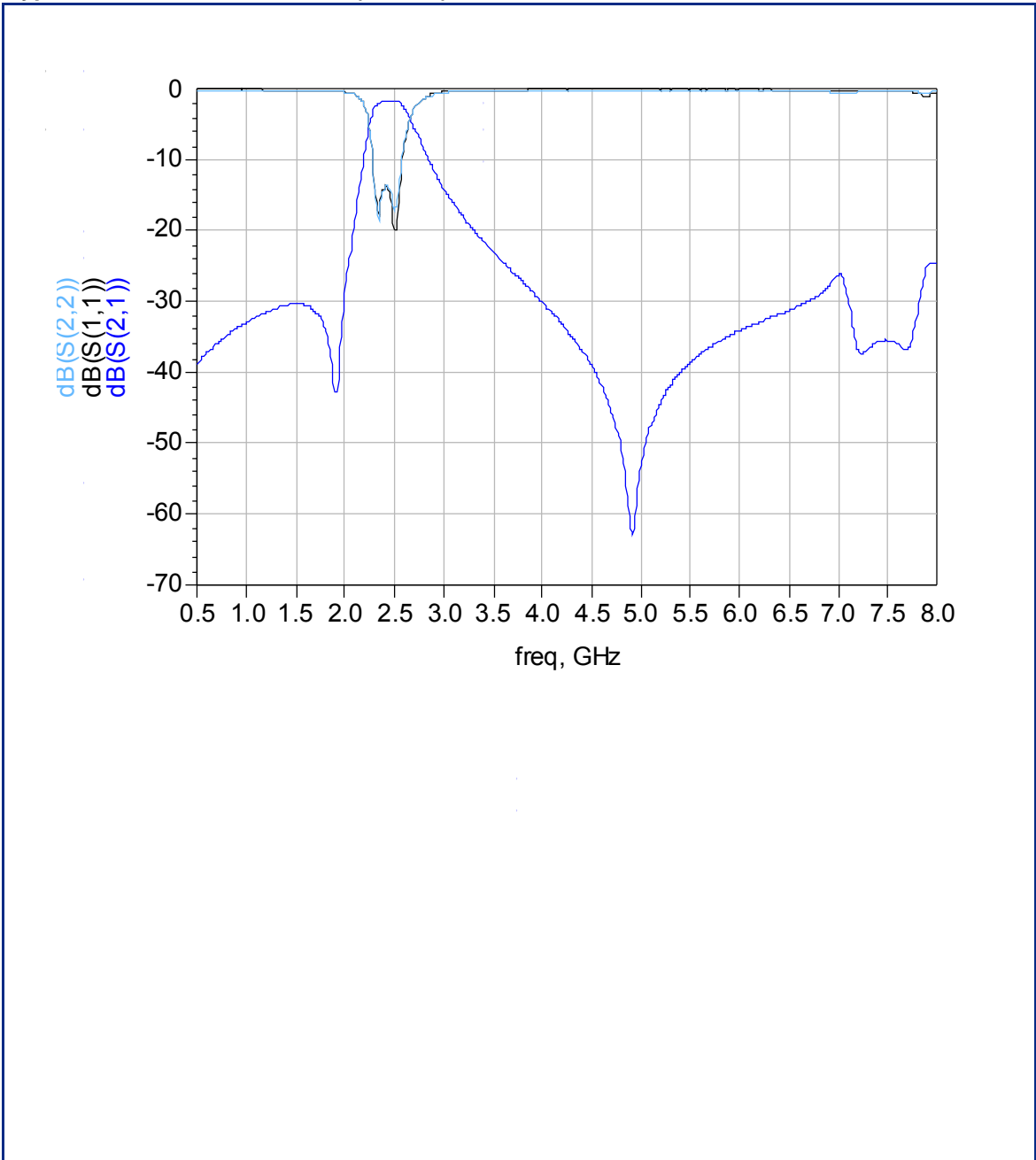
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Typical Electrical Performance (T=25°C)



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