



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!



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High Frequency Ceramic Solutions

2.45 GHz Low Pass Filter

P/N 2450LP15B050

Detail Specification: 05/04/2011

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General Specifications

Part Number	2450LP15B050
Frequency (MHz)	2400 - 2500
Attenuation (min.)	32 dB @ 2 x fo
Attenuation (min.)	30 dB @ 3 x fo
Attenuation (min.)	30 dB @ 4 x fo

Insertion Loss	0.50 dB max.
Return Loss	10.9 dB min.
Input Power	1 Watt max.
Operating Temperature	-40 to +85°C

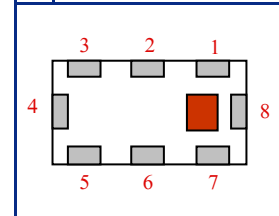
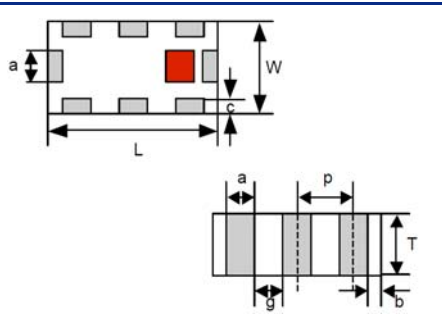
P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 2450LP15B050
		T & R	Suffix = E	Eg. 2450LP15B050
	Termination Style	100% Tin	Suffix = None	Eg. 2450LP15B050(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 2450LP15B050(E or S)/Pb

Terminal Configuration

No.	Function
1	GND
2	NC
3	GND
4	I/O*
5	GND
6	NC
7	GND
8	I/O*

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05



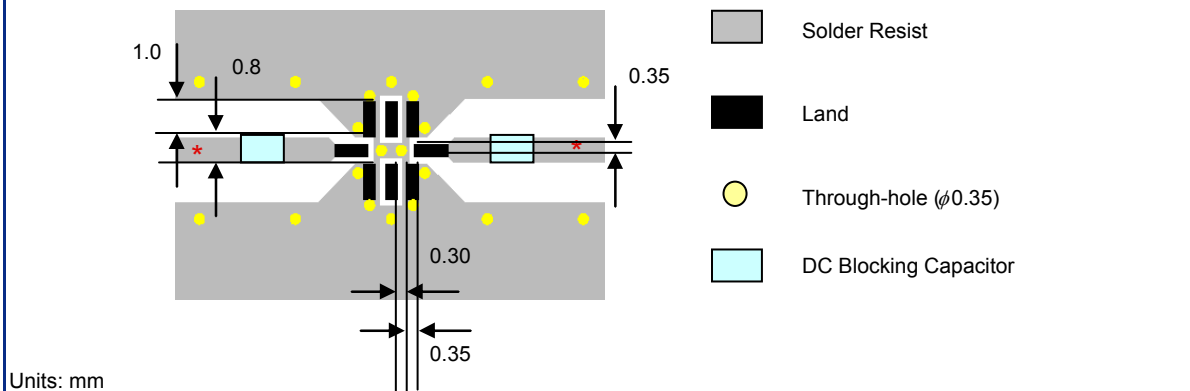
*Pins 4 and 8 interchangeable

Mounting Considerations

Mount these devices with brown mark facing up.

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

* DC Blocking capacitor should be connected in series at each In/Out Port if DC blocking desired



Units: mm

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

All sales are subject to Johanson Technology, Inc. terms and conditions.



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"High Frequency Ceramic Solutions"

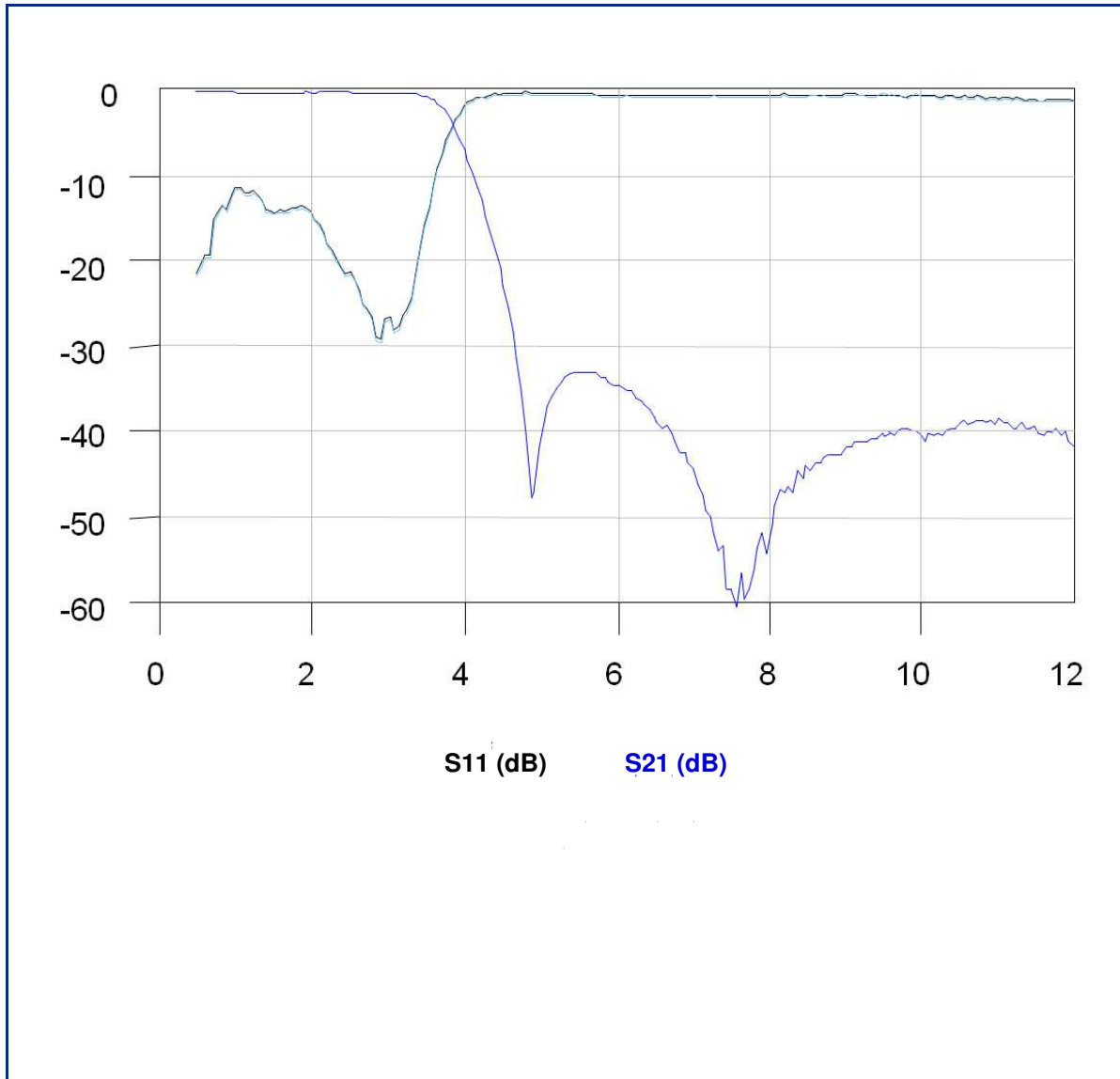
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Typical Electrical Performance (T=25°C)



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