



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"

5.5 GHz Band Pass Filter

P/N 5515BP15B725

Detail Specification: 6/1/2016

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General Specifications

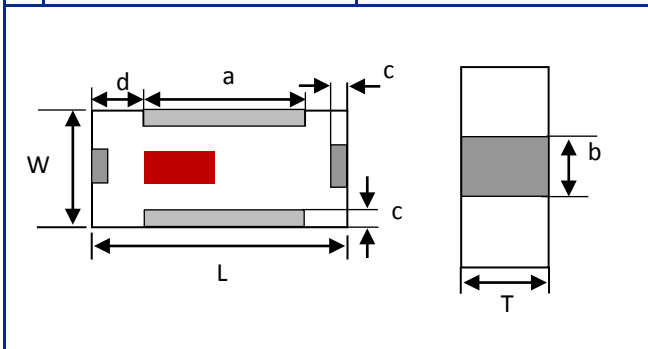
Part Number	5515BP15B725	Insertion Loss	1.5 dB max.
Frequency (MHz)	5150 - 5875	Return Loss	9.5 dB min.
Attenuation (min.)	30 dB @ 3500 MHz	Impedance	50 Ω
Attenuation (min.)	25 dB @ 9800 - 11840 MHz	Input Power	2W max. (CW)
Attenuation (min.)	5 dB @ 14700 - 17760 MHz	Operating Temperature	-40 to +85°C

Part Number Explanation

P/N Suffix	Packing Style	Bulk	Suffix = S	eg. 5515BP15B725S
		T & R	Suffix = T	eg. 5515BP15B725E
		100% Tin	Suffix = None	eg. 5515BP15B725(E or S)
	Termination style	Tin / Lead	Suffix = /Pb	eg. 5515BP15B725(E or S)/Pb
Eval board (50 ohm SMA)		5515BP15B725-EB-SMA		

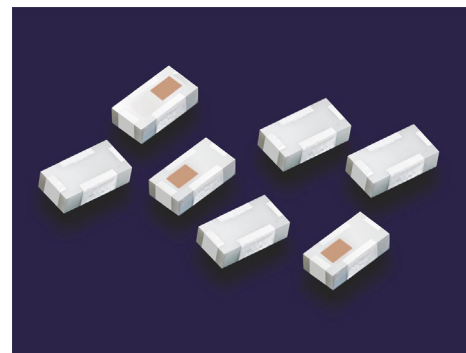
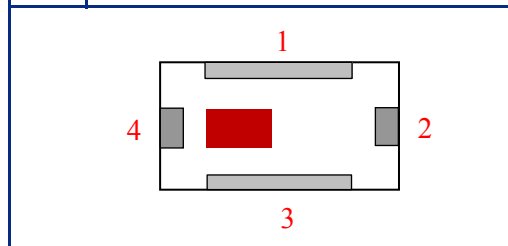
Mechanical Dimensions

	In	mm
L	0.079 ± 0.006	2.00 ± 0.15
W	0.049 ± 0.004	1.25 ± 0.10
T	0.037 ± 0.004	0.95 ± 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



Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN



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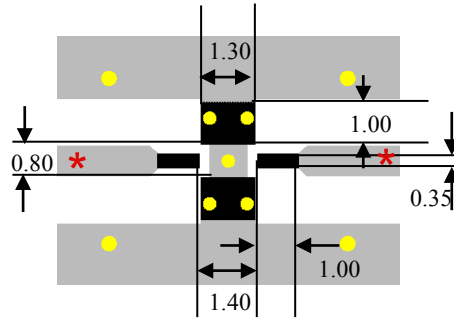
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Mounting Considerations

Mount these devices with brown mark facing up.

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

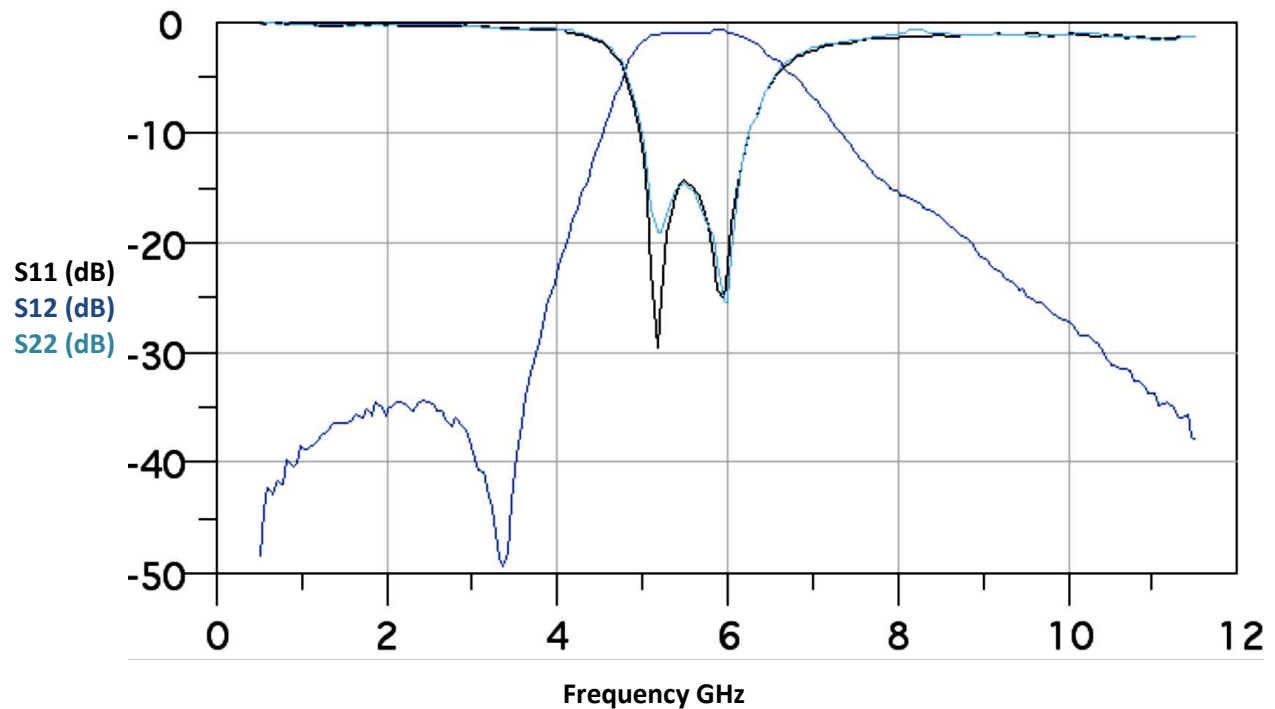


LEGEND

- Solder Resist
- Land
- Through-hole ($\phi 0.35$)

Units: mm

Typical Electrical Performance (T=25°C)



Johanson Technology, Inc. reserves the right to make design changes without notice. Please confirm the specifications and delivery conditions when placing your order. All sales are subject to Johanson Technology, Inc. terms and conditions.