



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

Detail Specification

P/N 5487BP15B675

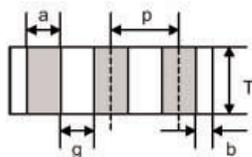
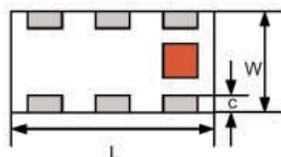
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss	Ripple
5487BP15B675_	5150 - 5825	1.8 dB max	35 dB @ 2.57-2.90 GHz 22 dB @ 10.3-11.65 GHz 30 dB @ 15.45-17.47 GHz	9.5 dB min.	0.7 dB max.

Input Power	Group Delay	Impedance	Operating Temperature Range
3 Watts max	5.0 nS max.	50 Ω	-40 to +85°C

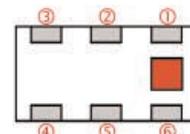
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.079 ± .004	0.049 ± .004	0.034 ± .004	0.012 ± .004	0.008 ± .004	0.012 + .004/-0.008	0.014 ± .004	0.026 ± .002
mm	2.0 ± 0.1	1.25 ± 0.1	0.85 ± 0.1	0.30 ± 0.1	0.20 ± 0.1	0.30+0.1/-0.2	0.35 ± 0.1	0.65 ± 0.05



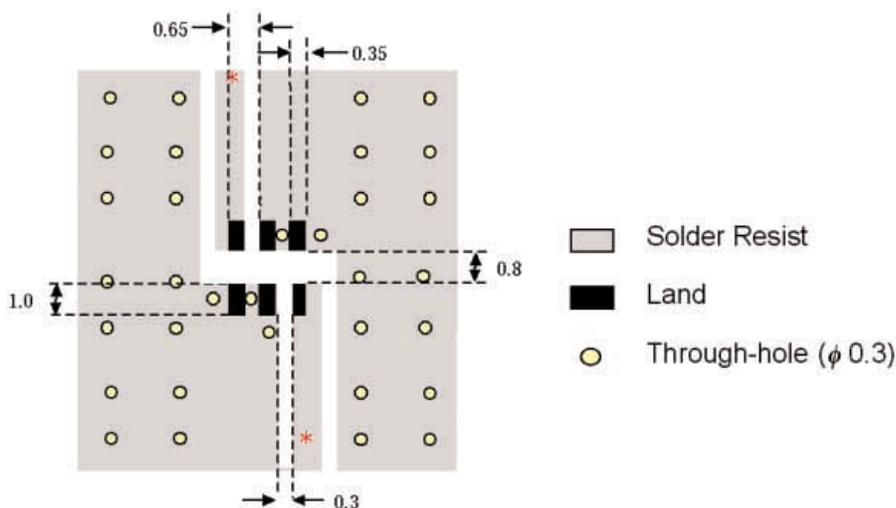
Terminal Configuration

1	GND	4	GND
2	GND	5	GND
3	I/O	6	I/O



Mounting Considerations

Mount these devices with brown colored side facing up. * Line width should be designed to provide 50 Ω impedance matching characteristics.



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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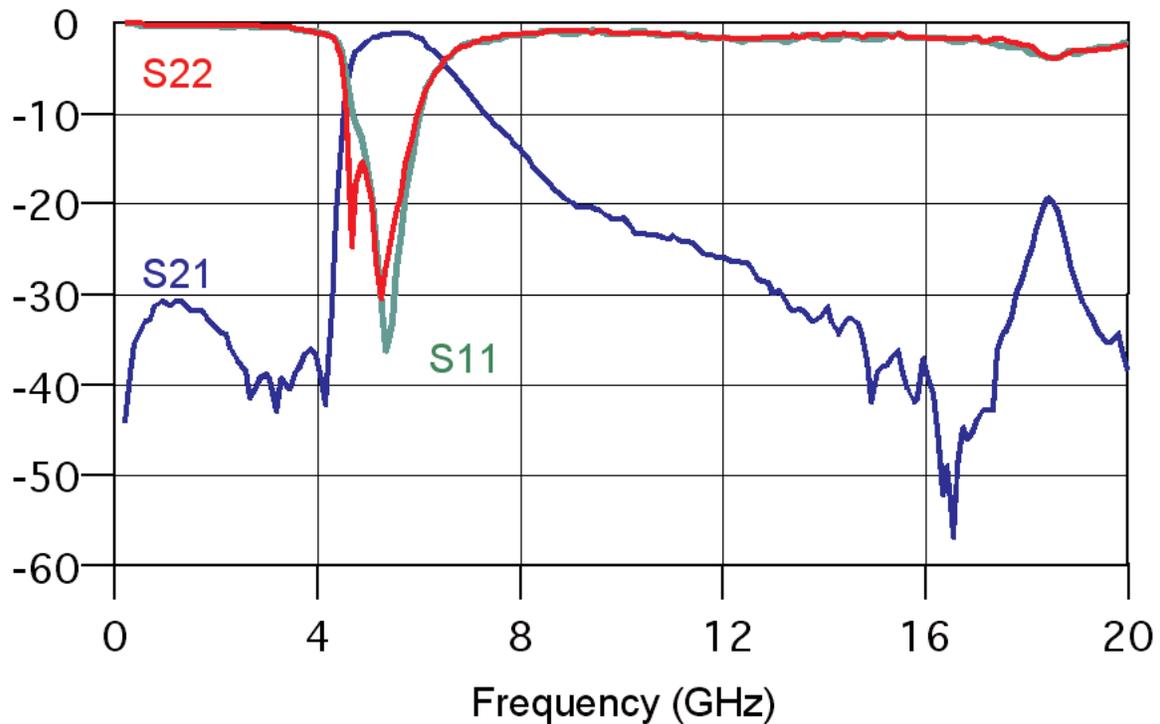
5.5 GHz Band Pass Filter

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Typical Insertion Loss / Return Loss



Delivery

Packaged in embossed tape on 7" reels (3000 / reel)
Standard delivery is eight weeks or sooner ARO