



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

5.4 GHz Band Pass Filter

P/N 5425BP15A1050

Detail Specification: 1/16/2013

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General Specifications

Part Number	5425BP15A1050	Impedance	50 Ω
Frequency (MHz)	4900 ~ 5950	Input Power	2W max.
Attenuation (min.)	40 dB @ 1280 ~ 3300MHz	Reel Quantity	4,000
Attenuation (min.)	25 dB @ 3300 ~ 4000MHz	Operating Temperature	-40 to +85°C
Attenuation (min.)	7 dB @ 4375 ~ 4465MHz	Storage Temperature*	-40 to +85°C
Attenuation (min.)	14 dB @ 7300 ~ 8930MHz	Recommended Storage Conditions*	+5 ~ +35°C, Humidity: 45~75%RH
Attenuation (min.)	25 dB @ 9800 ~ 11900MHz		
Insertion Loss	2.0 dB max.		
Return Loss	9.0 dB min.		

*18 months in vacuum sealed bag and 1 week after opened. Go to: www.johansontechnology.com/silverleads for details

P/N Suffix	Packing Style	Bulk	Suffix = S	eg. 5425BP15A1050S
		T & R	Suffix = E	eg. 5425BP15A1050E
	Evaluation Board	5425BP15A1050-EB1SMA		

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	IN
3	GND
4	OUT

Mounting Considerations

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

Units: mm

Johanson Technology, Inc. reserves the right to make design changes without notice.
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Ver. 4.0

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High Frequency Ceramic Solutions

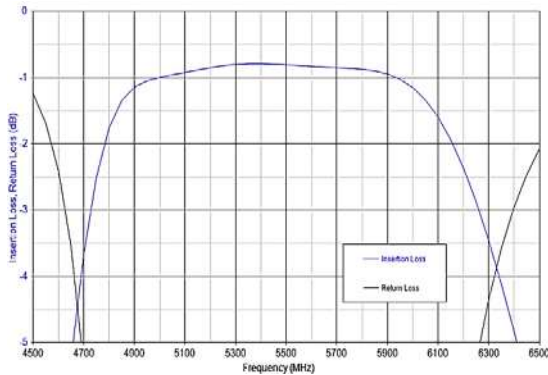
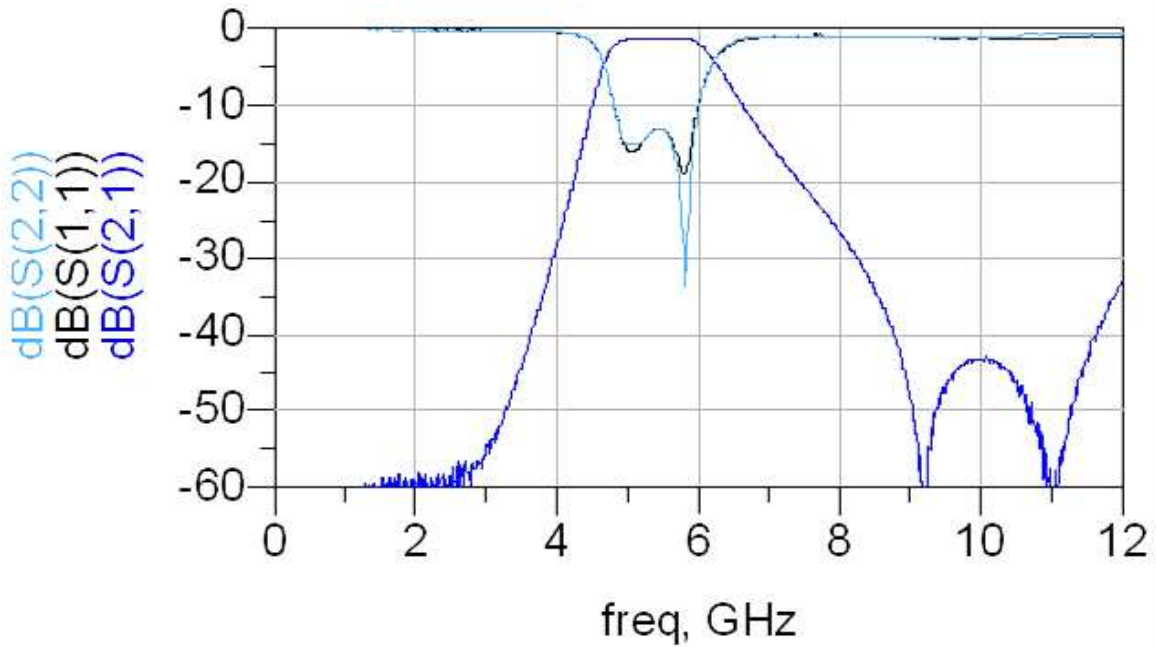
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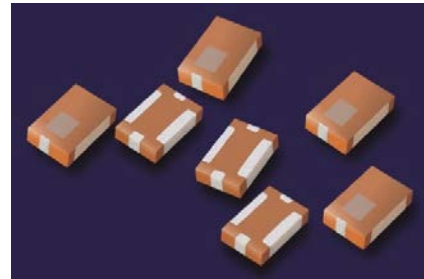
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Typical Electrical Performance (T=25°C)



Solder Paste recommendation:
SAC 305 type is recommended.



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