

"High Frequency Ceramic Solutions"

5.5 GHz Band Pass Filter

Detail Specification

P/N 5515BP15B730

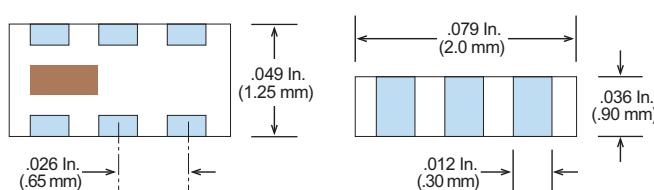
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss	Ripple
5515BP15B730_	5150 - 5875	2.8 dB max.	30 dB @ 0.5-4.0 GHz 25 dB @ 10.3-11.8 GHz 20 dB @ 4.6 GHz	9.5 dB min.	0.7 dB max.

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

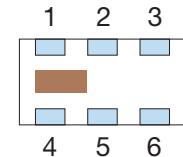
Mechanical Dimensions

	L	W	T
Inches	0.079 ± .006	0.049 ± .006	0.036 ± .004
mm	2.0 ± 0.015	1.25 ± 0.015	0.90 ± 0.010



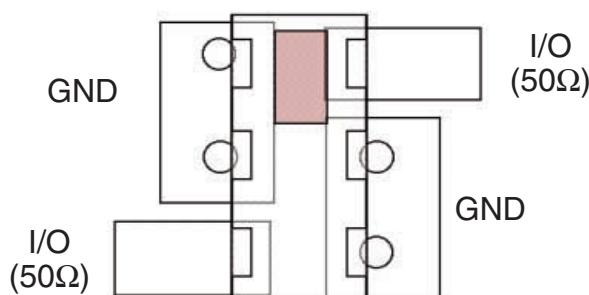
Terminal Configuration

No.	Function	No.	Function
1	I/O	4	GND
2	GND	5	GND
3	GND	6	I/O



Mounting Considerations

- Mount these devices with brown colored side facing up.
- Line width should be designed to provide 50Ω impedance matching characteristics.
- Solder the ground pins only to the ground plane, and do not solder bridge across the ground pins.



*Johanson Technology, Inc. reserves the right to make design changes without notice.
All sales are subject to Johanson Technology, Inc. terms and conditions.*

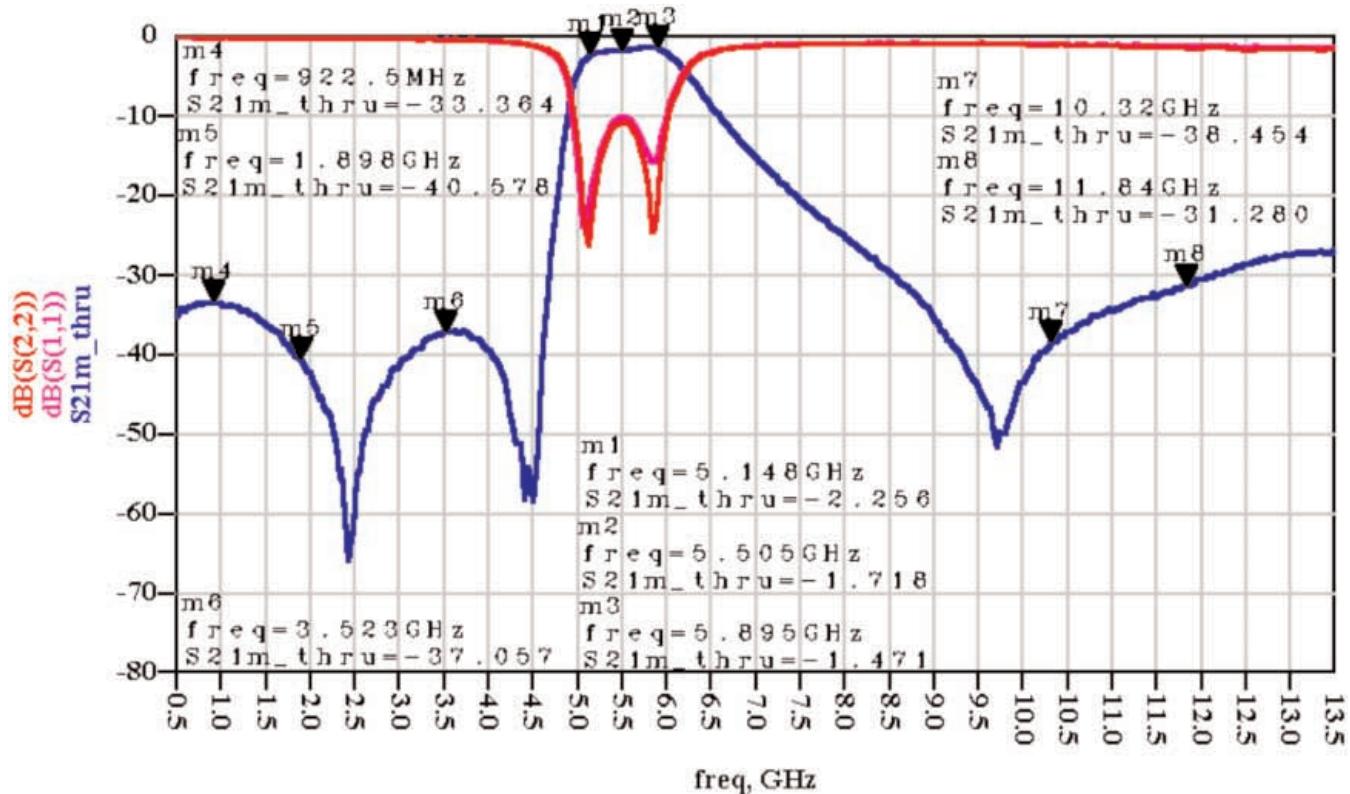
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Typical Insertion Loss / Return Loss



Delivery

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