

"High Frequency Ceramic Solutions"

5.5 GHz Band Pass Filter

Detail Specification

P/N 5515BP15B730

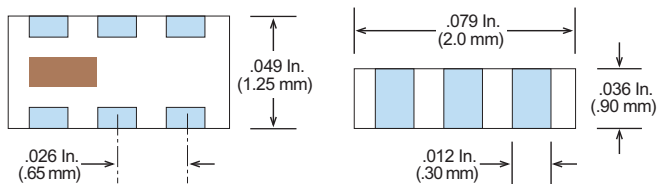
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation (min.)	Return Loss	Ripple
5515BP15B730_	5150 - 5875	2.8 dB max.	30 dB @ 0.5-4.0 GHz 25 dB @ 10.3-11.8 GHz 20 dB @ 4.6 GHz	9.5 dB min.	0.7 dB max.

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

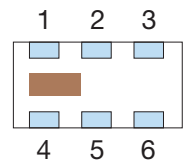
Mechanical Dimensions

	L	W	T
Inches	0.079 \pm .006	0.049 \pm .006	0.036 \pm .004
mm	2.0 \pm 0.15	1.25 \pm 0.15	0.90 \pm 0.10



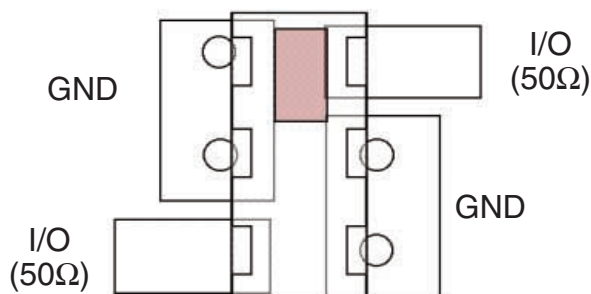
Terminal Configuration

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 50 Ω 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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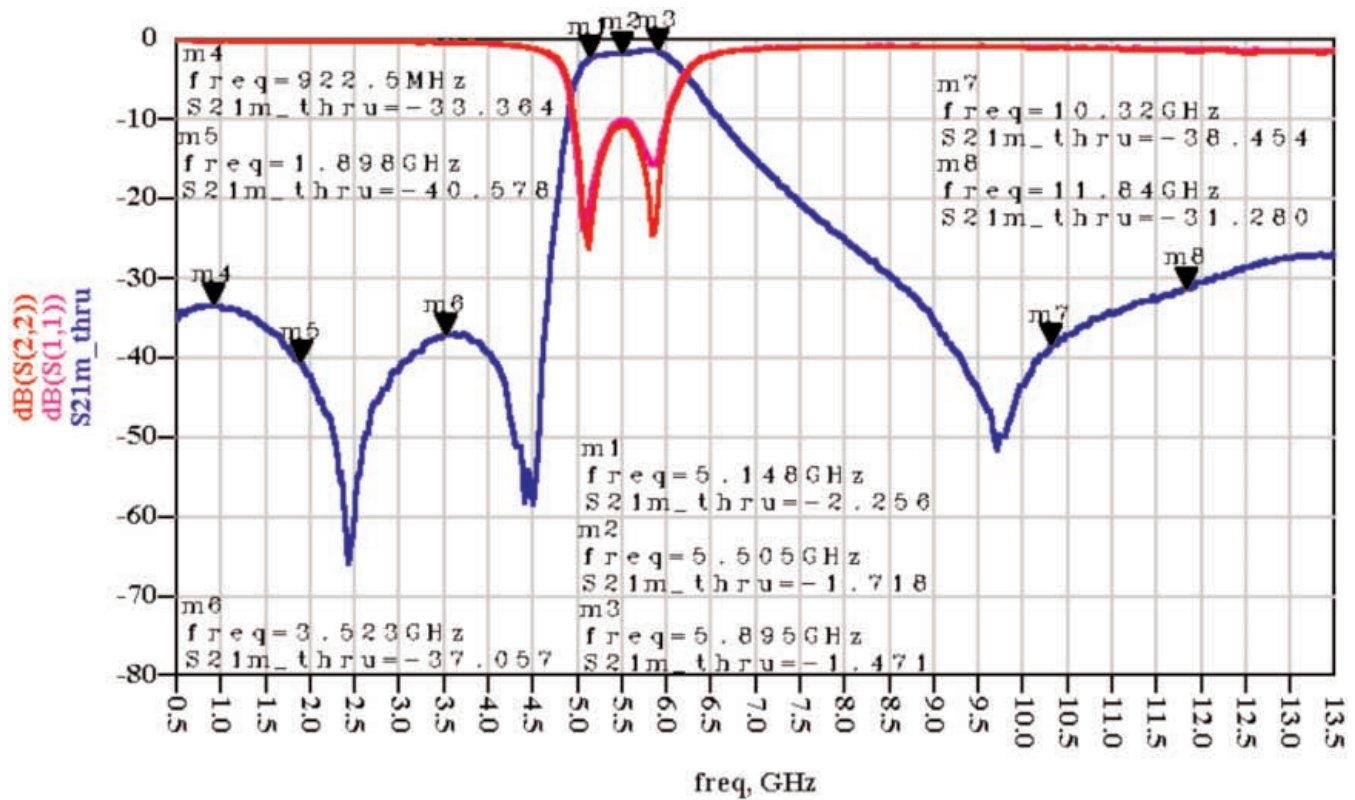
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Typical Insertion Loss / Return Loss



Delivery

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