

"High Frequency Ceramic Solutions"

5.5 GHz Low Pass Filter

P/N 5515LP15A730

Detail Specification: 01/07/05

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General Specifications

Part Number	5515LP15A730
Frequency (MHz)	5150 - 5875
Insertion Loss	0.6 dB max.
Return Loss	10.9 dB min.
Attenuation (min.)	25 dB @ 2 x fo
Attenuation (min.)	25 dB @ 3 x fo Ref
Input Power	1 Watt max.

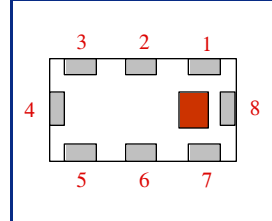
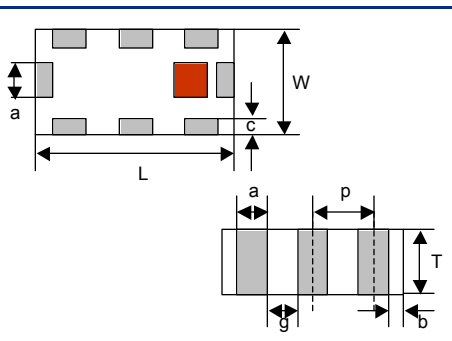
Impedance	50 Ω
Operating Temperature	-40 to +85°C

Terminal Configuration

No.	Function
1	GND
2	NC
3	GND
4	OUT
5	GND
6	NC
7	GND
8	IN

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.033 ± 0.004	0.85 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05

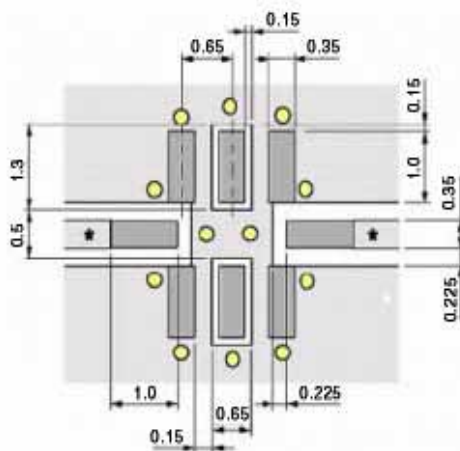






Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



-  Land
-  Solder Resist
-  No pattern Solder Resist
-  Through-hole ($\phi 0.30$)

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

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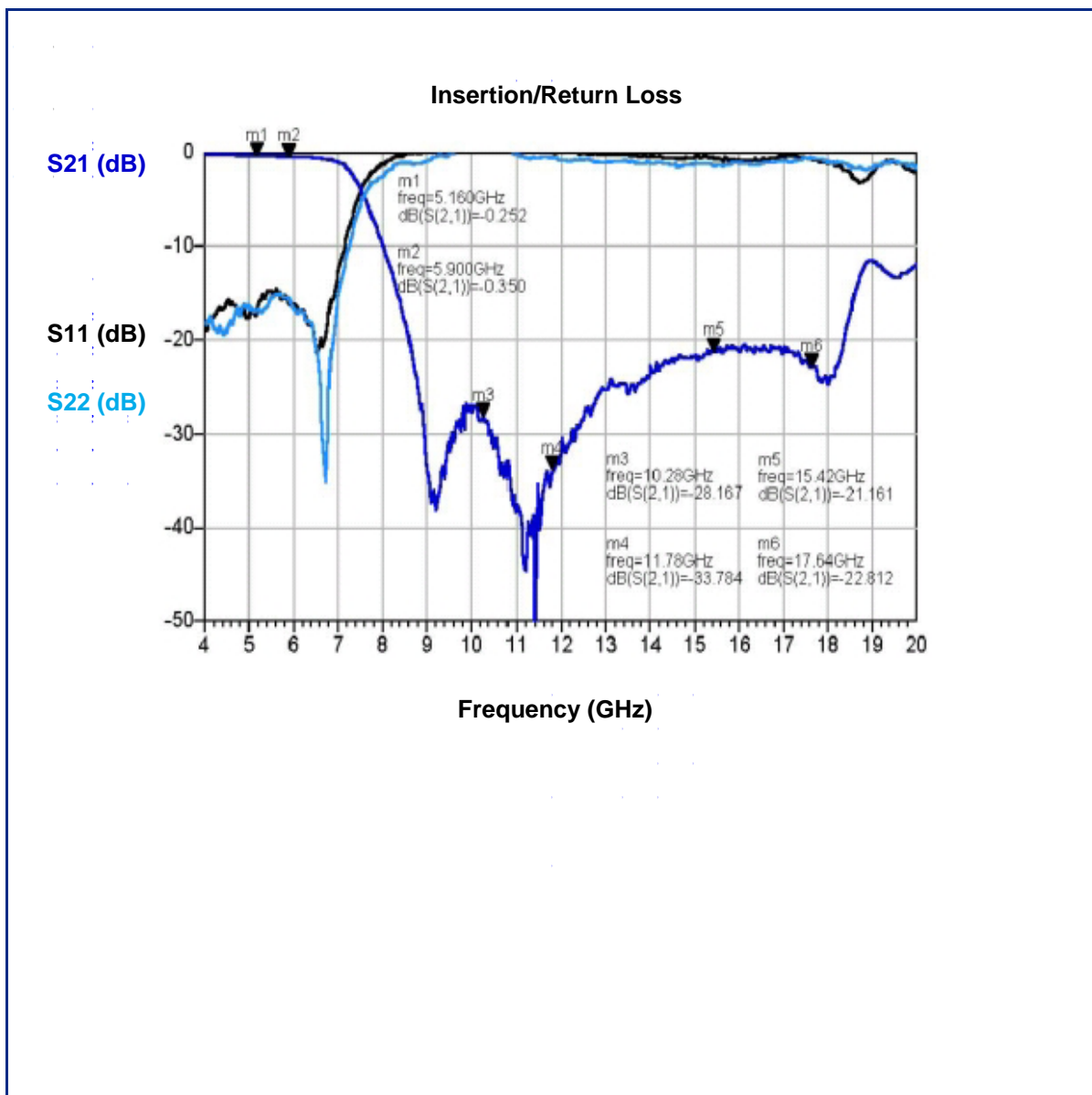
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Typical Electrical Performance (T=25°C)



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