

"High Frequency Ceramic Solutions"

915 MHz Low Pass Filter

Detail Specification: 07/29/04

P/N 0915LP15B026

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General Specifications

Part Number	0915LP15B026
Frequency (MHz)	902 - 928
Insertion Loss	0.5 dB max.
Return Loss	14.0 dB min.
Attenuation (min.)	30 @ 2 x fo
Attenuation (min.)	30 @ 3 x fo

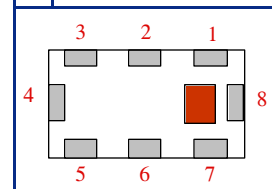
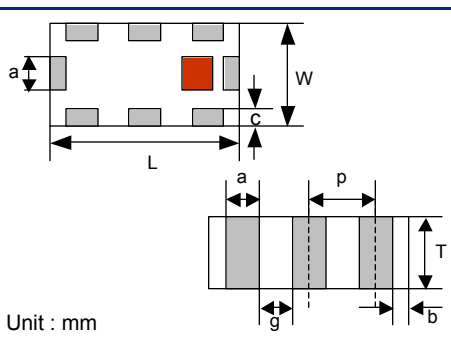
Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

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 $\pm$ 0.004	2.00 $\pm$ 0.10
W	0.049 $\pm$ 0.004	1.25 $\pm$ 0.10
T	0.033 $\pm$ 0.004	0.85 $\pm$ 0.10
a	0.012 $\pm$ 0.004	0.30 $\pm$ 0.10
b	0.008 $\pm$ 0.004	0.20 $\pm$ 0.10
c	0.012 $\pm$ 0.004	0.30 $\pm$ 0.10
g	0.014 $\pm$ 0.004	0.35 $\pm$ 0.10
g	0.026 $\pm$ 0.002	0.65 $\pm$ 0.05

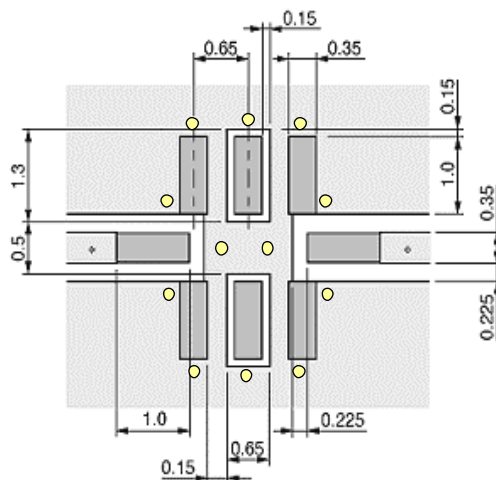


Mounting Considerations

Mount these devices with brown mark facing up.

Line width should be designed to provide 50 Ω impedance matching characteristics.

Units: mm



-  Land
-  Solder Resist
-  No Pattern Solder Resist
-  Through-hole ($\phi 0.35$)

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

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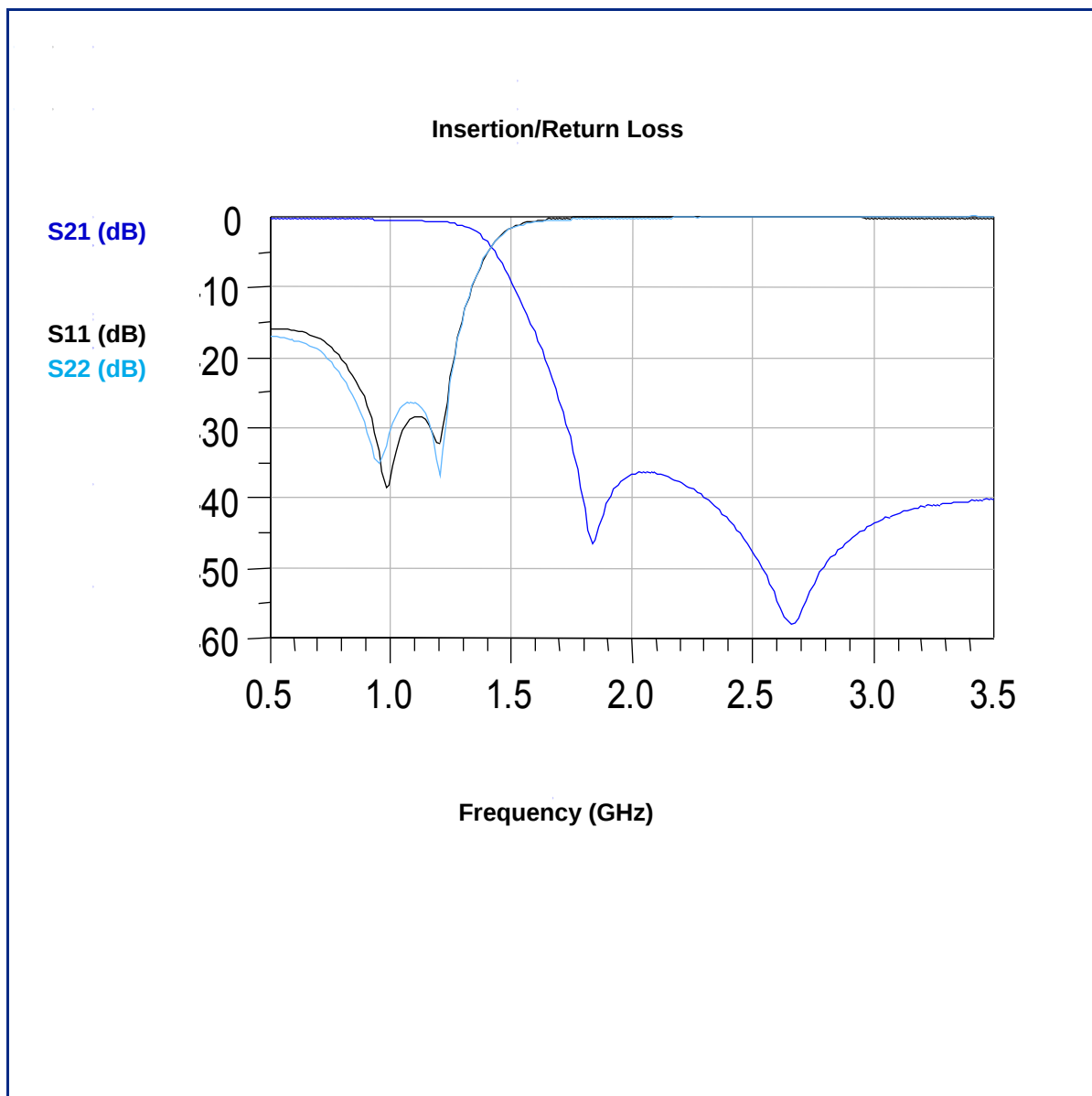
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Typical Electrical Performance (T=25°C)



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