

# "High Frequency Ceramic Solutions"

## 915 MHz Low Pass Filter

P/N 0915LP15B026

Detail Specification: 07/29/04

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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

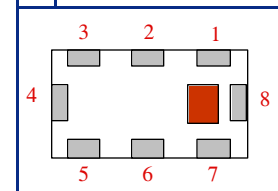
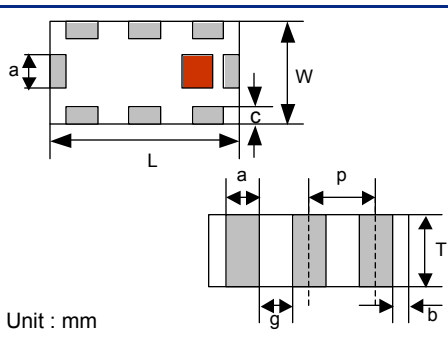
Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

### 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 ± 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/-.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
g	0.026 ± 0.002	0.65 ± 0.05

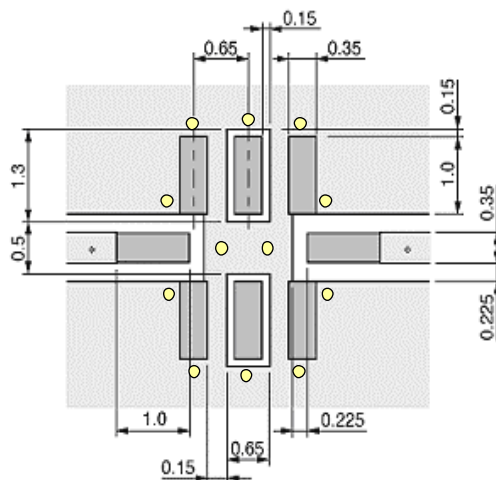






### Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



-  Land
-  Solder Resist
-  No Pattern Solder Resist
-  Through-hole (φ0.35)

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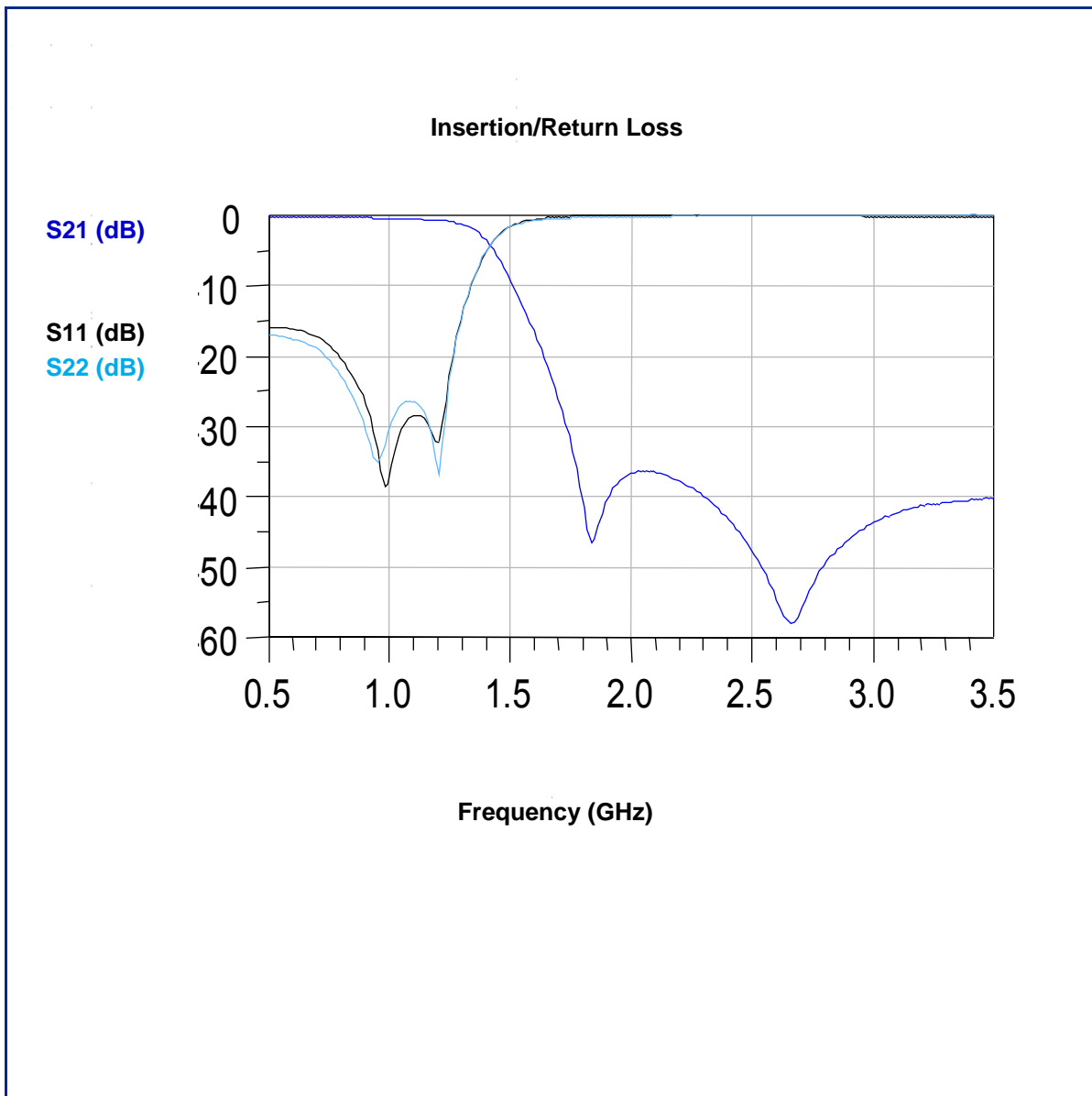
**915 MHz Low Pass Filter**

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Typical Electrical Performance (T=25°C)



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