

"High Frequency Ceramic Solutions"

900 MHz Low Pass Filter

P/N 0892LP07A0136

Detail Specification: 10/27/10

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General Specifications

Part Number	0892LP07A0136
Frequency (MHz)	824 - 960
Insertion Loss	0.7 dB max.
Return Loss	9.5 dB min.
Attenuation (min.)	18 dB @ 1648 - 1920 MHz
Attenuation (min.)	25 dB @ 2472 - 2880 MHz
Attenuation (min.)	25 dB @ 3296 - 3840 MHz

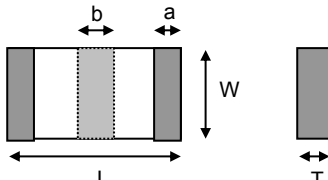
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	10,000
Input Power	500 mW max.

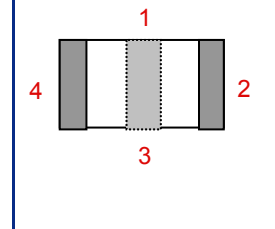
P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 0892LP07A0136S
		T & R	Suffix = T	Eg. 0892LP07A0136T
	Termination Style	100% Tin	Suffix = None	Eg. 0892LP07A0136(S or T)
		Tin / Lead	Suffix = /Pb	Eg. 0892LP07A0136(S or T)/Pb

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

	In	mm	
L	0.039 $\pm$ 0.002	1.00 $\pm$ 0.05	
W	0.020 $\pm$ 0.002	0.50 $\pm$ 0.05	
T	0.015 $\pm$ 0.002	0.38 $\pm$ 0.05	
a	0.006 $\pm$ 0.004	0.15 $\pm$ 0.10	
b	0.010 $\pm$ 0.004	0.25 $\pm$ 0.10	

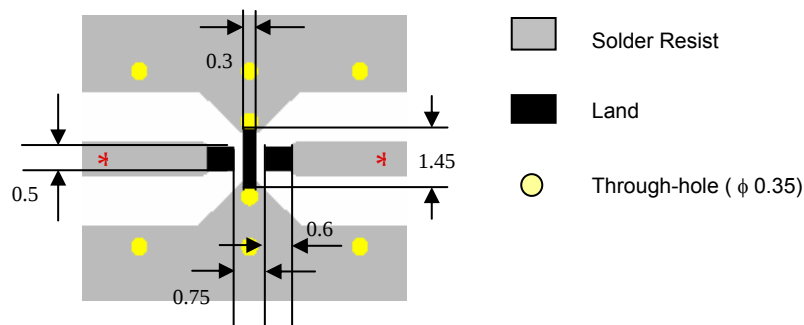


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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

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www.johansontechnology.com

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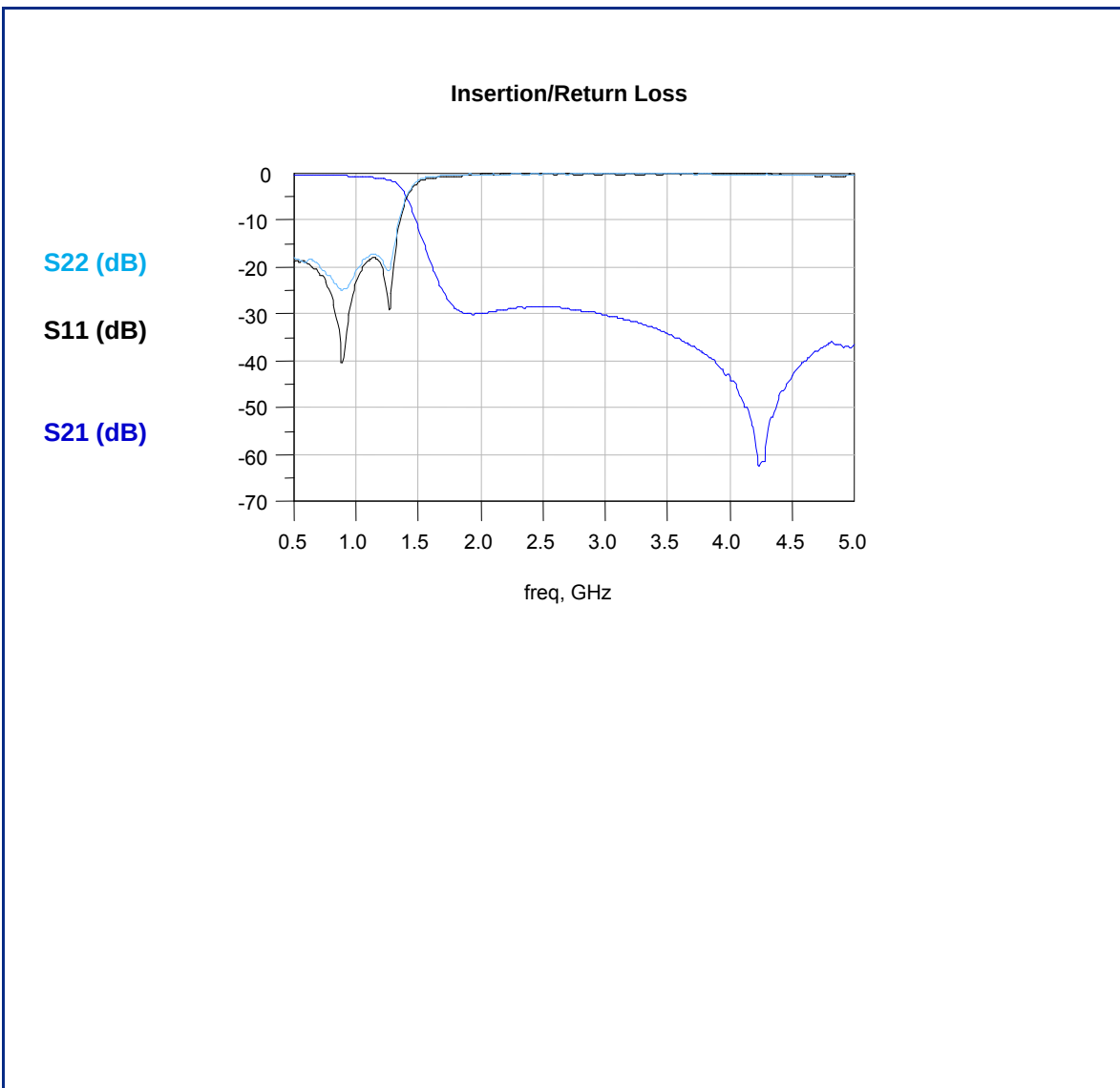
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Typical Electrical Performance (T=25°C)



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