3.55 GHz Low Pass Filter

P/N 3550LP14B0500

Detail Specification: 12/16/08

General Specifications

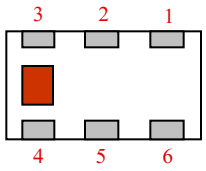
Part Number	3550LP14B0500
Frequency (MHz)	3300 - 3800
Insertion Loss	0.55 dB max.
Return Loss	11.7 dB min.
Attenuation (min.)	35 dB @ 2 x fo
Attenuation (min.)	25 dB @ 3 x fo

Impedance	50 Ω
Reel Quantity	4,000
Input Power	2 Watts max.
Operating Temperature	-40 to +85°C
Storage Temperature	+5 to +35°C, Humidity: 45-75%RH, 12 mos. Max

Termination Style	100% Tin	Suffix = "None"	eg. 3550LP14B0500
	Tin / Lead	Suffix = "/Pb"	eg. 3550LP14B0500/Pb

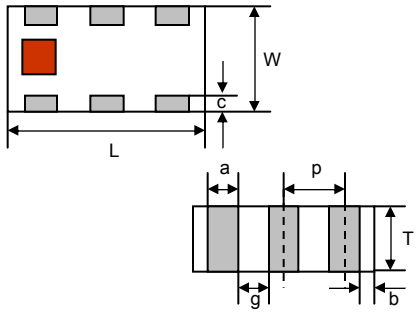
Terminal Configuration

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



Mechanical Dimensions

	In	mm
L	0.063 ± 0.004	1.60 ± 0.10
W	0.031 ± 0.004	0.80 ± 0.10
T	0.024 ± 0.004	0.60 ± 0.10
a	0.008 ± 0.004	0.20 ± 0.10
b	0.008 +.004/-.006	0.20 +0.1/-0.15
c	0.006 ± 0.004	0.15 ± 0.10
g	0.012 ± 0.004	0.30 ± 0.10
p	0.020 ± 0.002	0.50 ± 0.05

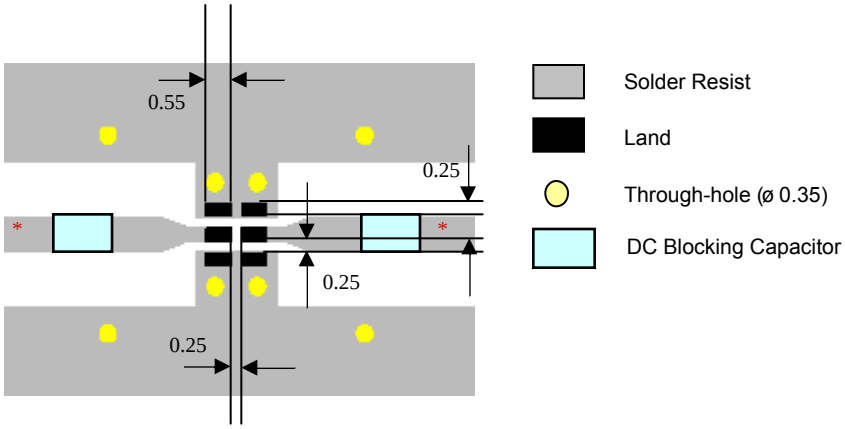


Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50 Ω impedance matching characteristics, depending on PCB material and thickness.

** DC Blocking capacitor is connected in series at each In/Out Port.



Units: mm

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

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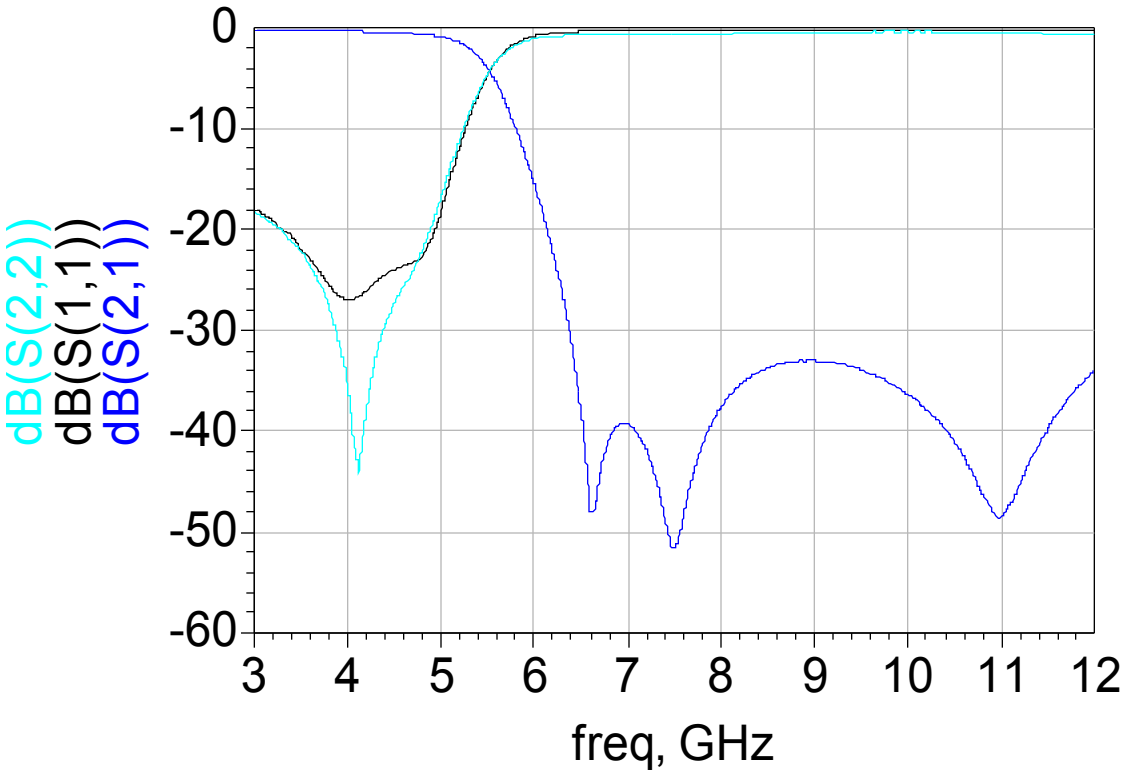
4001 Calle Tecate • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

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3.55 GHz Low Pass Filter **P/N 3550LP14B0500**

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Typical Electrical Performance (T=25°C)



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