

"High Frequency Ceramic Solutions"

3.5 GHz Low Pass Filter

P/N 3550LP14A300

Detail Specification: 08/22/11

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General Specifications

Part Number	3550LP14A300
Frequency (MHz)	3400 - 3700
Insertion Loss	0.65 dB max.
Return Loss	14 dB min.
Attenuation (min.)	25 dB @ 2 x fo
Attenuation (min.)	25 dB @ 3 x fo

Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4000
Input Power	3 Watts max.

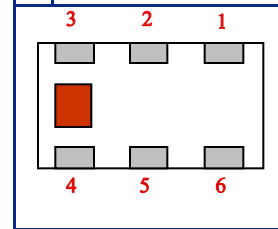
P/N	Packaging Style	Bulk	Suffix = S	Eg. 3550LP14A300S
		T & R	Suffix = T	Eg. 3550LP14A300T (Paper Tape)
Suffix	Termination Style	100% Tin	Suffix = None	Eg. 3550LP14A300(T or S)
	Evaluation Board	3550LP14A300-EB-SMA (2-Port SMA EVB)		

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

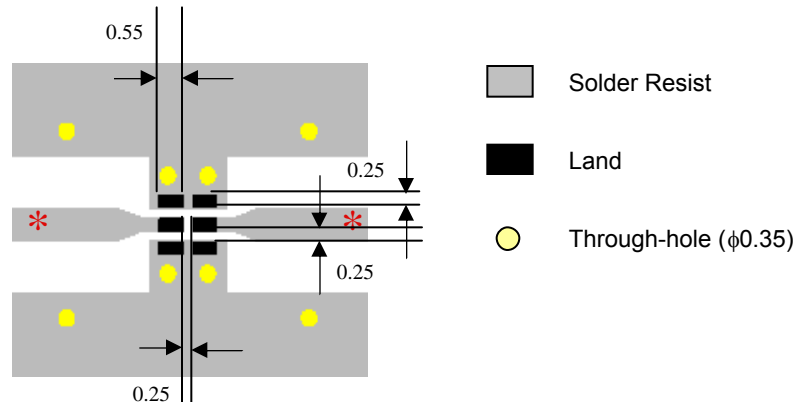


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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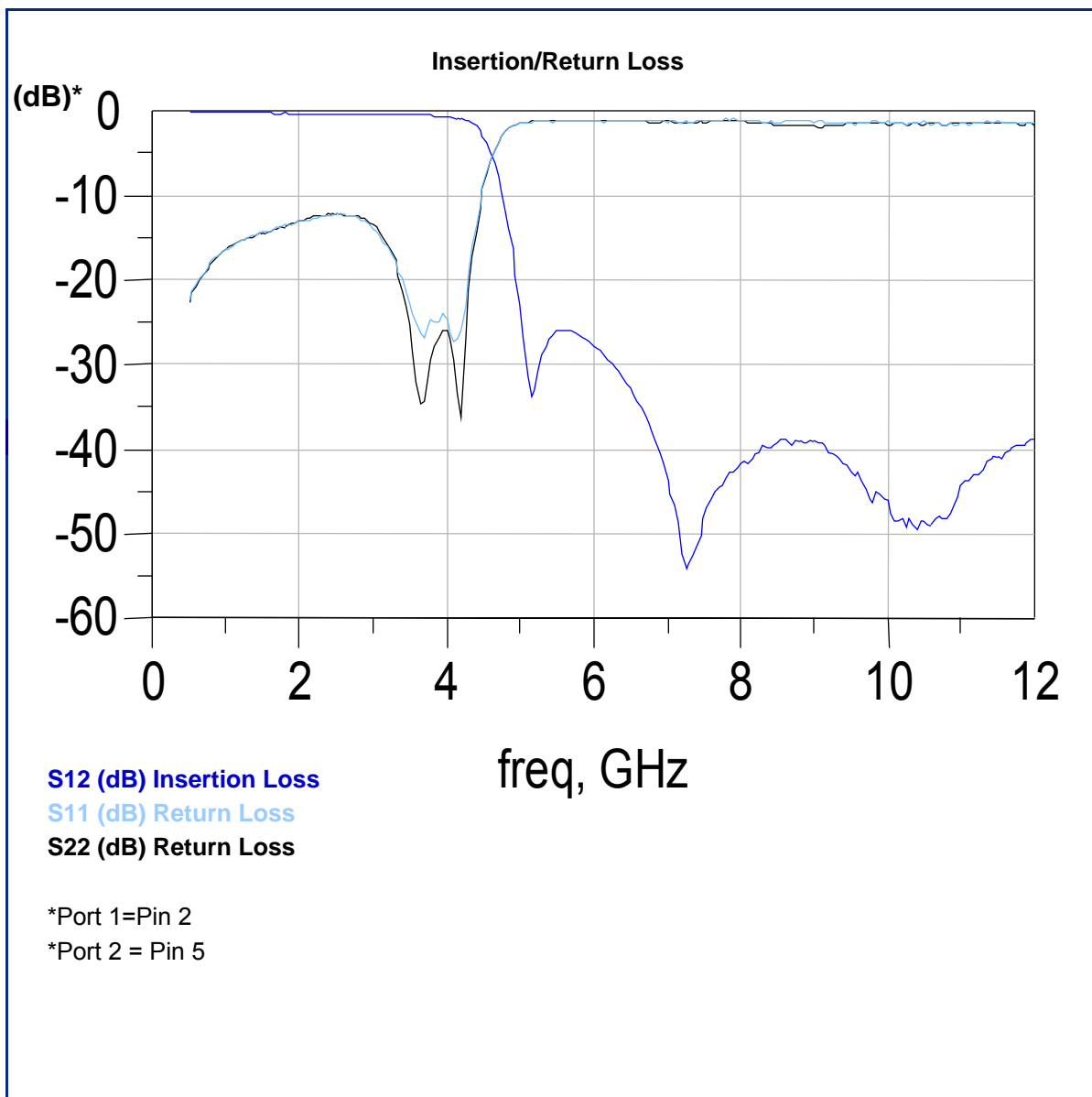
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Typical Electrical Performance (T=25°C)



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