

"High Frequency Ceramic Solutions"

2.45 GHz High Pass Filter

P/N 2450HP14A100

Detail Specification: 11/14/12

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General Specifications

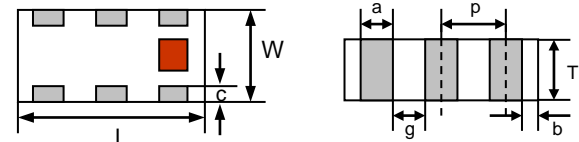
Part Number	2450HP14A100	Impedance	50 Ω
Frequency (MHz)	2400 - 2500	Operating Temperature	-40 to +85°C
Insertion Loss	1.3 dB max.	Reel Quantity	4,000
Return Loss	14.0 dB max.	Input Power	3 W max.
Attenuation (db)	20 dB @ 1917 MHz		

Part Number Explanation

P/N Suffix	Packing Style	Bulk (Loose)	Suffix = S	eg. 2450HP14A100S
		T & R	Suffix = T	eg. 2450HP14A100T
Evaluation Board		2450HP14A100-EB-SMA		

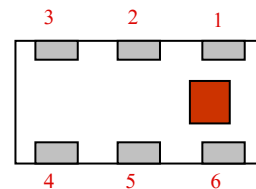
Mechanical Dimensions

	In	mm
L	0.063 ± 0.004	1.60 ± 0.10
W	0.031 ± 0.004	0.80 ± 0.10
T	0.022 ± 0.004	0.55 ± 0.10
a	0.008 ± 0.004	0.20 ± 0.10
b	0.008 + .004 / -.008	0.20 + 0.01 / -0.2
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



Terminal Configuration

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

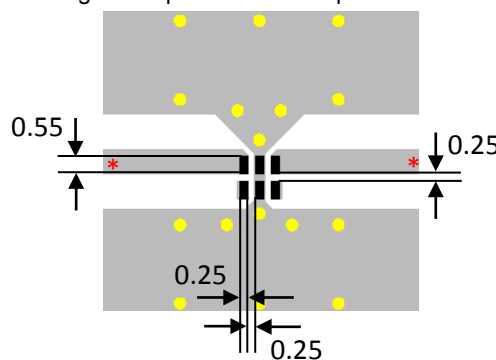


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



LEGEND

- Solder
- Land
- Through-hole (φ0.35)

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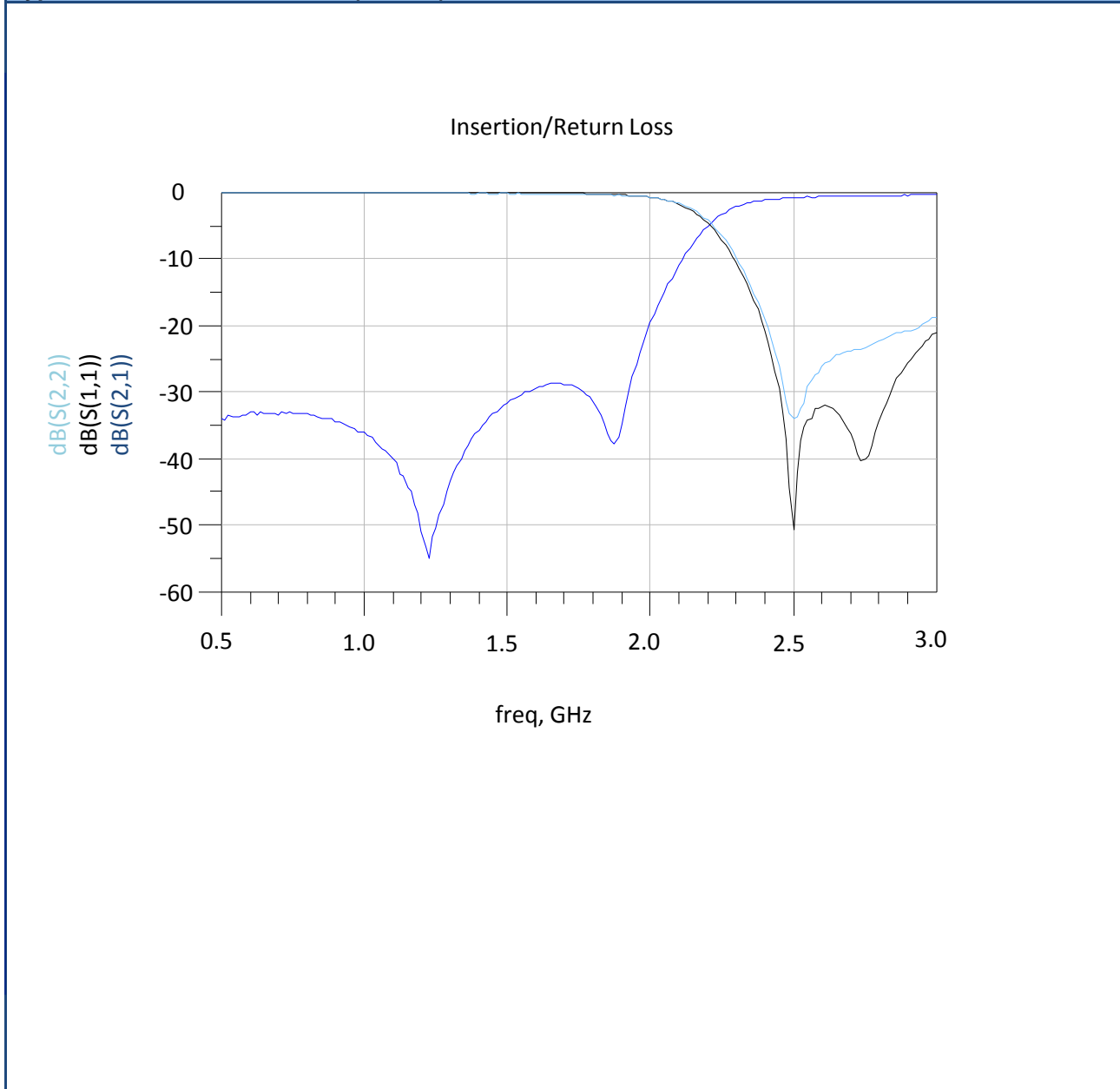
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Typical Electrical Performance (T=25°C)



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