

High Frequency Ceramic Solutions

5.2 GHz High Pass Filter

P/N 5200HP15A4200

Detail Specification: 04/22/08

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General Specifications

Part Number	5200HP15A4200
Freq Range (MHz)	3100 - 7300
Insertion Loss	2.5 dB max.
Return Loss	9.5 dB min.
Attenuation (min.)	30 dB @ < 2540 MHz
Attenuation (min.)	12 dB @ 2800 MHz

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

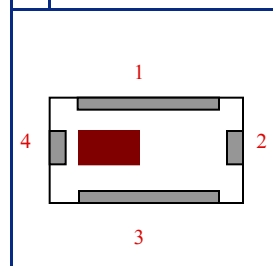
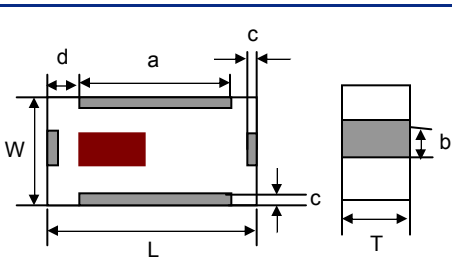
Termination Style	100% Tin	Suffix = "None"	eg. 5200HP15A4200
	Tin / Lead	Suffix = "/Pb"	eg. 5200HP15A4200/Pb

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

	In	mm
L	0.079 ± 0.006	2.00 ± 0.15
W	0.049 ± 0.004	1.25 ± 0.10
T	0.037 ± 0.004	0.95 ± 0.10
a	0.051 ± 0.006	1.30 ± 0.15
b	0.012 ± 0.006	0.30 ± 0.15
c	0.010 ± 0.006	0.25 ± 0.15
d	0.014 ± 0.006	0.35 ± 0.15

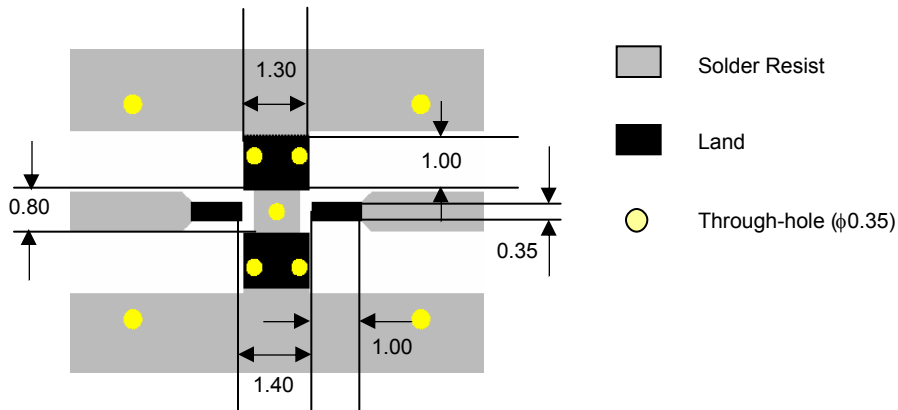


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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"High Frequency Ceramic Solutions"

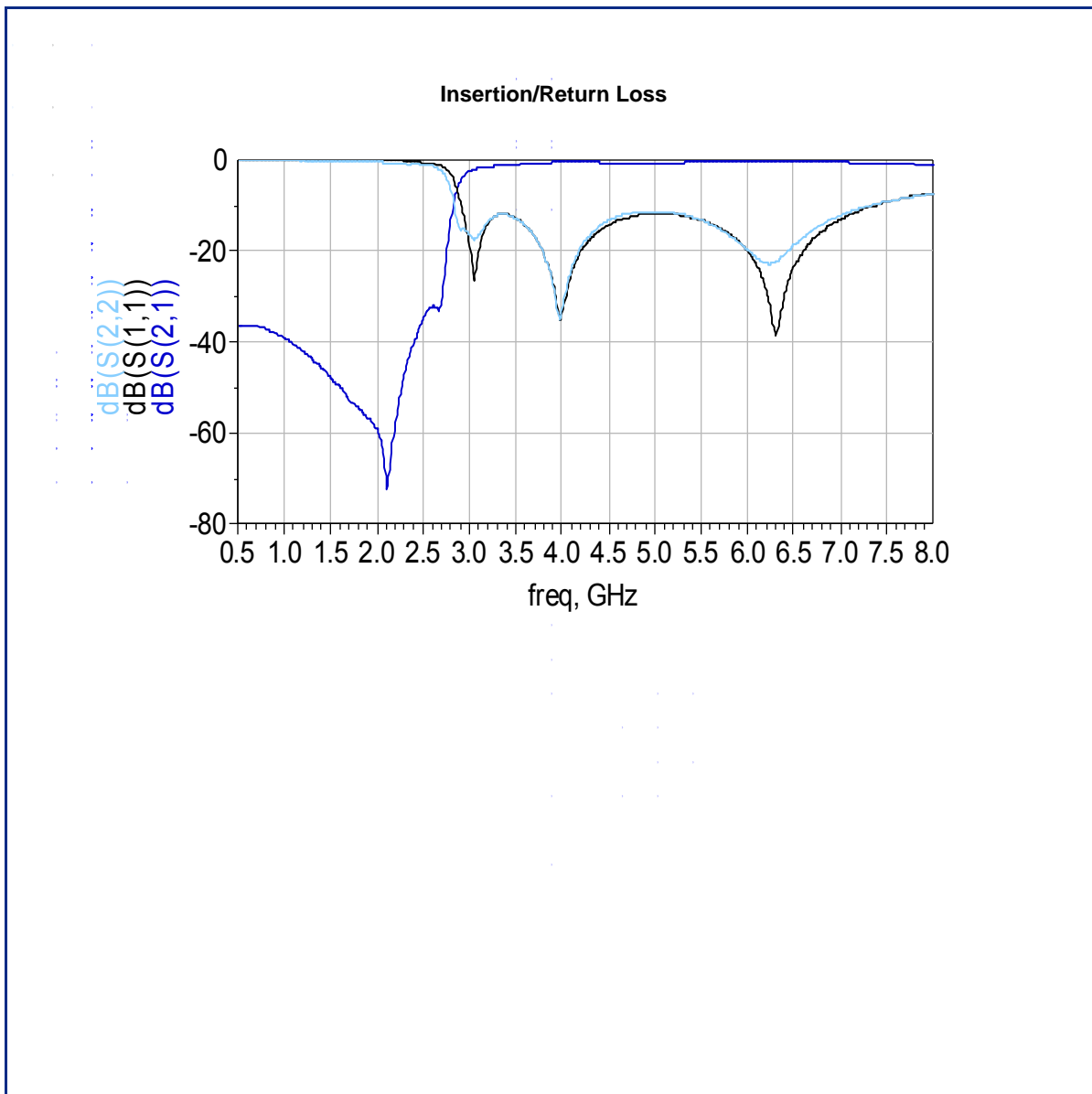
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Typical Electrical Performance (T=25°C)



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