

"High Frequency Ceramic Solutions"

2.45 GHz Band Pass Filter

P/N 2450BP43C100

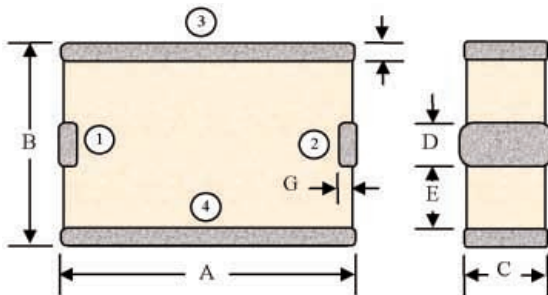
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Part Number	Frequency (MHz)	Insertion Loss	Attenuation	Return Loss	Ripple
2450BP43C100_	2450 ± 50	3.0 dB max	28 dB @ 1.95 GHz 30 dB @ 2.95 GHz	7.0 dB min.	0.7 dB max.

Input Power	Impedance	Operating Temperature Range
3 Watts max	50 Ω	-40 to +85°C

Mechanical Dimensions

	A	B	C	D	E	F	G
Inches	0.175 ± .008	0.143 ± .008	0.063 max.	0.030 ± .010	0.030 min.	0.015 ± .005	0.005 ± .003
mm	4.45 ± 0.2	3.63 ± 0.2	1.60 max.	0.76 ± 0.25	0.76 min.	0.38 ± 0.13	0.13 ± 0.08

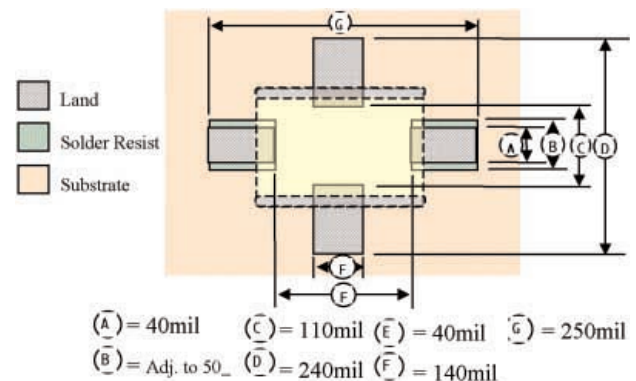


Terminal Configuration

No.	Function	No.	Function
1	I/O	3	GND
2	I/O	4	GND

Mounting Considerations

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



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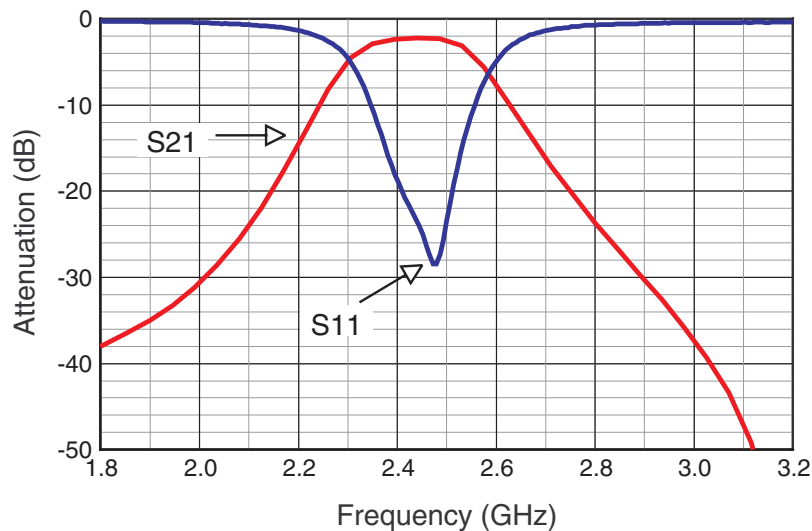
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Typical Transmission / Return Loss: P/N 2450BP43C100



Typical Spurious Response: P/N 2450BP43C100

