PRELIMINARY

2.45 GHz Band Pass Filter — P/N 2450BP15D100

Detail Specification: 03/06/06

General Specifications

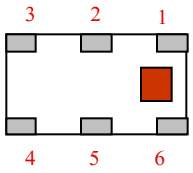
Part Number	2450BP15D100	
Frequency (MHz)	2400 - 2500	
Insertion Loss	2.6 dB max.	
Return Loss	9.5 dB min.	
Attenuation (min.)	880 ~ 1990 MHz	30 dB
Attenuation (min.)	2110 ~ 2170 MHz	20 dB
Attenuation (min.)	4800 ~ 5000 MHz	30 dB
Attenuation (min.)	7200 ~ 7500 MHz	20 dB

Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	4,000

P/N Suffix	**Packaging Style**	Bulk	Suffix = S	Eg. 2450BP15D100S
		T & R	Suffix = E	Eg. 2450BP15D100E
	Termination Style	100% Tin	Suffix = None	Eg. 2450BP15D100(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 2450BP15D100(E or S)/Pb

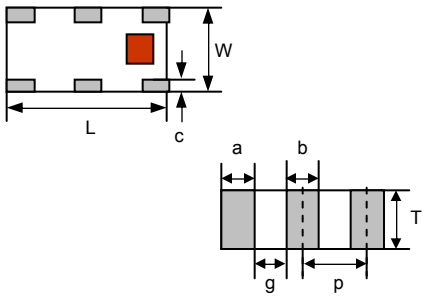
Terminal Configuration

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



Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.022 ± 0.004	0.55 ± 0.10
a	0.016 ± 0.016	0.40 ± 0.40
b	0.016 ± 0.016	0.40 ± 0.40
c	0.012 +.004/-.008	0.30 +0.1/-0.2
g	0.016 ± 0.008	0.40 ± 0.20
p	0.031 ± 0.004	0.80 ± 0.10

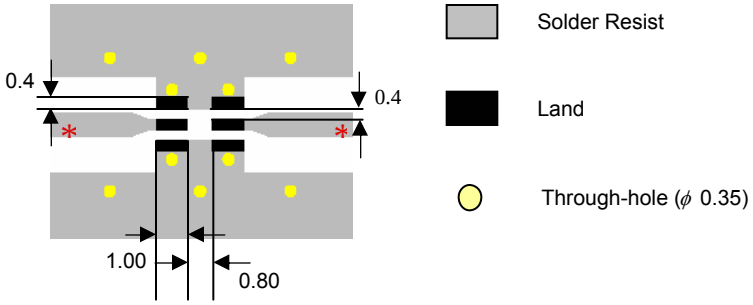


Mounting Considerations

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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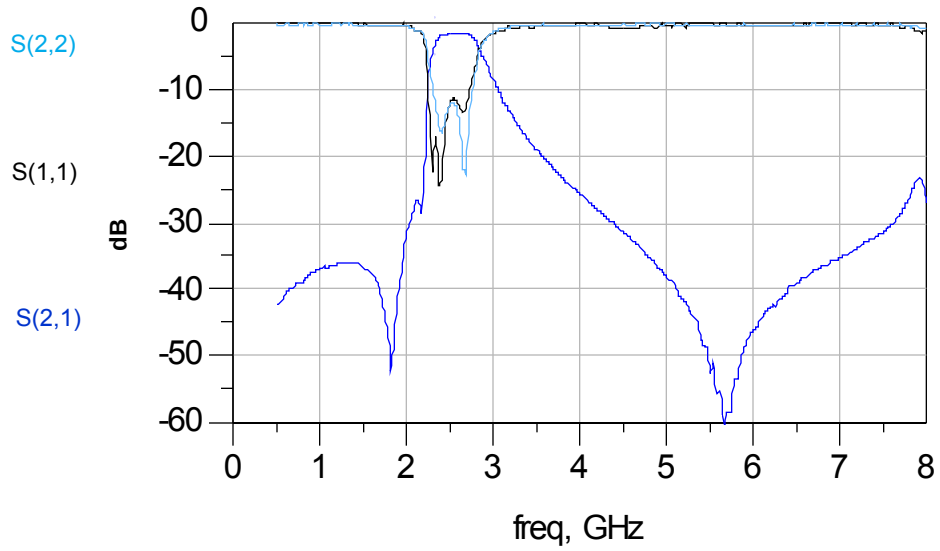
931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

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2.45 GHz Band Pass Filter **P/N 2450BP15D100**

Detail Specification: 03/06/06

Typical Electrical Performance (T=25°C)



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