



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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High Frequency Ceramic Solutions

2450 MHz Band Pass Filter

P/N 2450BP18D100A

Detail Specification: 01/29/07

Page 1 of 2

General Specifications

Part Number	2450BP18D100A
Frequency (MHz)	2400 - 2500
Attenuation (min.)	35 dB @ 900 - 928 MHz
Attenuation (min.)	35 dB @ 1200 - 1800 MHz
Attenuation (min.)	25 dB @ 2100 MHz
Attenuation (min.)	30 dB @ 4800 - 5000 MHz
Attenuation (min.)	30 dB @ 7200 - 7500 MHz

Insertion Loss	2.3 dB max.
Return Loss	9.5 dB min.
Impedance	50 Ω
Input Power	500 mW max.
Operating Temperature	-40 to +85°C
Storage Temperature	-40 to +85°C
Reel Quantity	3,000

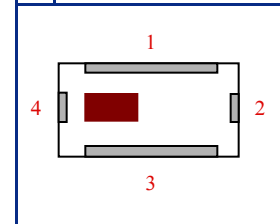
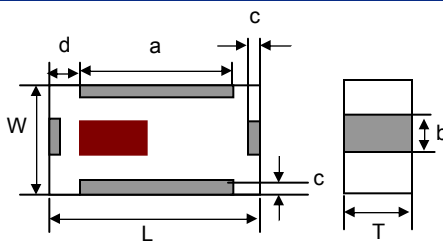
P/N	Packaging Style	Bulk	Suffix = S	Eg. 2450BP18D100AS
		T & R	Suffix = E	Eg. 2450BP18D100AE
Suffix	Termination	100% Tin	Suffix = None	Eg. 2450BP18D100A(E or S)
	Style	Tin / Lead	Suffix = /Pb	Eg. 2450BP18D100A(E or S)/Pb

Terminal Configuration

No.	Function
1	GND
2	OUT
3	GND
4	IN

Mechanical Dimensions

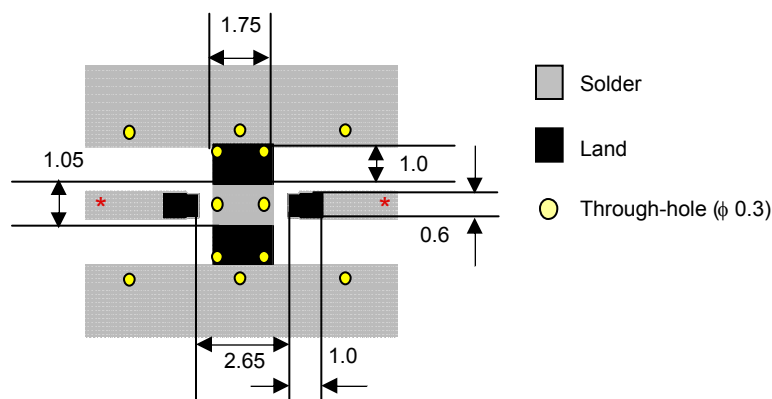
	In	mm
L	0.126 ± 0.008	3.20 ± 0.20
W	0.063 ± 0.008	1.60 ± 0.20
T	0.022 ± 0.004	0.55 ± 0.10
a	0.075 ± 0.006	1.90 ± 0.15
b	0.020 ± 0.006	0.50 ± 0.15
c	0.012 ± 0.008	0.30 ± 0.20
d	0.026 ± 0.008	0.65 ± 0.20



Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50 ohm impedance, depending on PCB material and thickness



Units: mm

Johanson Technology, Inc. reserves the right to make design changes without notice.
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