



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 Power Divider

P/N 2450PD14A0100

Detail Specification: 03/12/10

Page 1 of 2

General Specifications

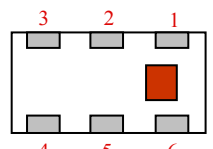
Part Number	2450PD14A0100	
Frequency (MHz)	2400 - 2500	
Insertion Loss @ BW	OUT1	3.4 ± 0.6
	OUT2	3.4 ± 0.6
Attenuation	4800 - 5000	8 dB min.
	7200 - 7500	15 dB min.

Return Loss	11.7 dB min.
Phase Balance	0° ± 3
Isolation	25 dB min.
Operating Temperature	-40 to +85°C
Reel Quantity	4,000
Power Capacity	3 W max.

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 2450PD14A0100S
		T & R	Suffix = E	Eg. 2450PD14A0100E
	Termination Style	100% Tin	Suffix = None	Eg. 2450PD14A0100(E or S)
		Tin / Lead	Please consult Factory	

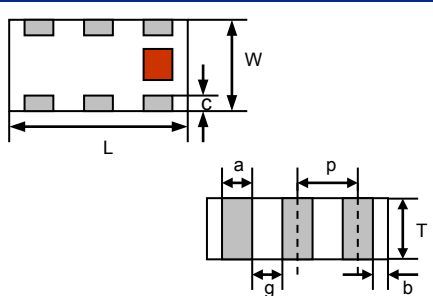
Terminal Configuration

No.	Function
1	GND
2	IN
3	GND
4	OUT1
5	NC or GND
6	OUT2



Mechanical Dimensions

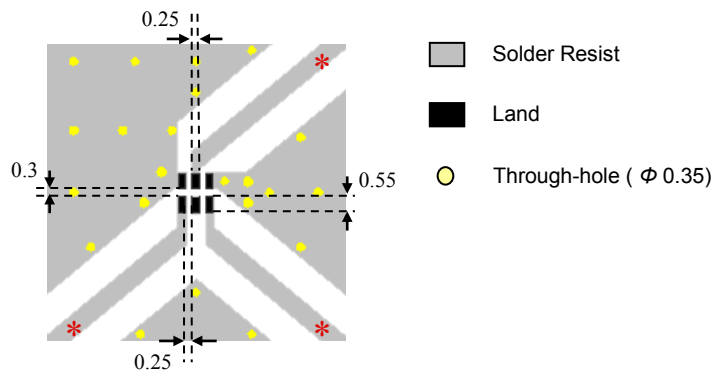
	In	mm
L	0.063 ± 0.004	1.60 ± 0.10
W	0.031 ± 0.004	0.80 ± 0.10
T	0.024 ± 0.004	0.60 ± 0.10
a	0.008 ± 0.004	0.20 ± 0.10
b	0.008 +.004/-0.006	0.20 +0.1/-0.15
c	0.006 ± 0.004	0.15 ± 0.10
g	0.012 ± 0.004	0.30 ± 0.10
p	0.020 ± 0.002	0.50 ± 0.05



Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.



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

All sales are subject to Johanson Technology, Inc. terms and conditions.



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"High Frequency Ceramic Solutions"

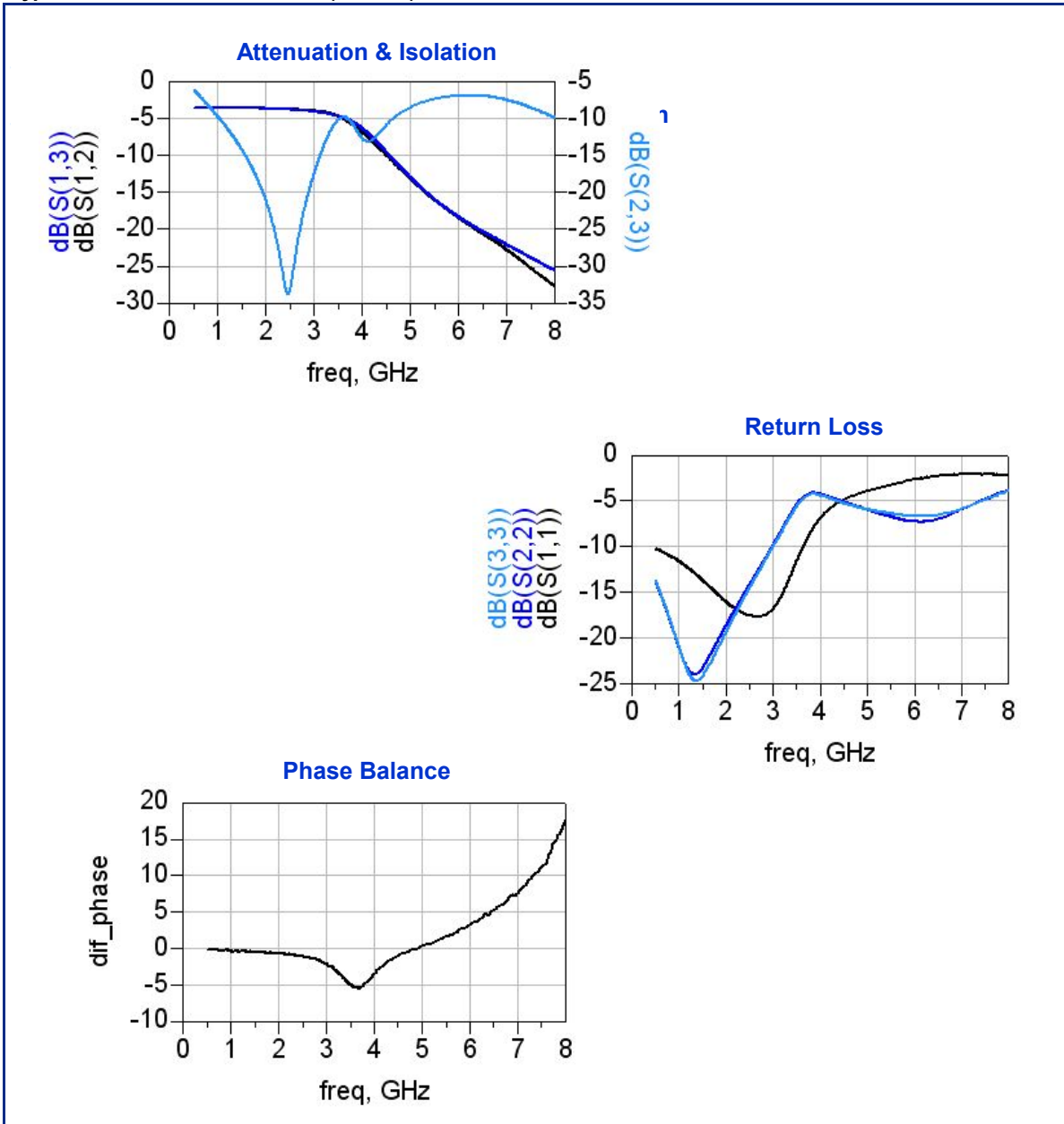
2450 MHz Power Divider

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Page 2 of 2

Typical Electrical Performance (T=25°C)



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