



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 / 5400 MHz Diplexer

P/N 2450DP15H5400

Detail Specification: 12/16/2011

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General Specifications

Part Number	2450DP15H5400
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Passband (MHz)	Insertion Loss	Attenuation I	Attenuation II	Return Loss
2400 - 2500	0.7 max	18 min @ 4.8 ~ 6.0 GHz	18 min @ 7.2 ~ 7.5 GHz	9.5 min.
4900 - 5900	1.0 max	19 min @ 1.8 ~ 2.5 GHz	25 ref. @ 10.3 ~ 10.7 GHz	9.5 min.

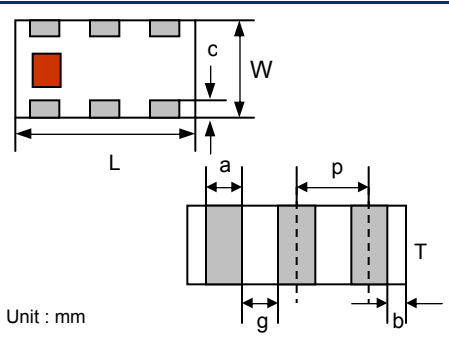
Input Power	2 Watts max.	Storage Temp	+5 ~ +35°C, Humidity: 45~75%RH, 18 mos. Max
Impedance	50 Ω		
Operating Temp	-40 to +85°C	Reel Quantity	4000

Packaging Style*	Bulk	Suffix = S	Eg. 5400BL15B200S
	T & R	Suffix = E	Eg. 5400BL15B200E
	T & R (Reverse)	Suffix = R	Eg. 5400BL15B200R
Termination Style	100% Tin	Suffix = None	Eg. 5400BL15B200(E or S)
	Tin / Lead	Please consult Factory	

*<http://johansontechnology.com/en/integrated-passives/integrated-passive-tape-a-reel-packaging.html>

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	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05



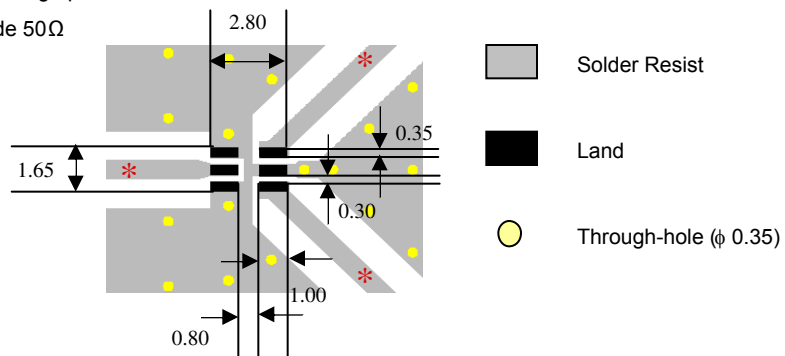
Terminal Configuration	
No.	Function
1	Higher Freq. Port (P1)
2	GND
3	Lower Freq. Port (P3)
4	GND
5	Common Port (P2)
6	GND

Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



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

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



www.johansontechnology.com

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"High Frequency Ceramic Solutions"

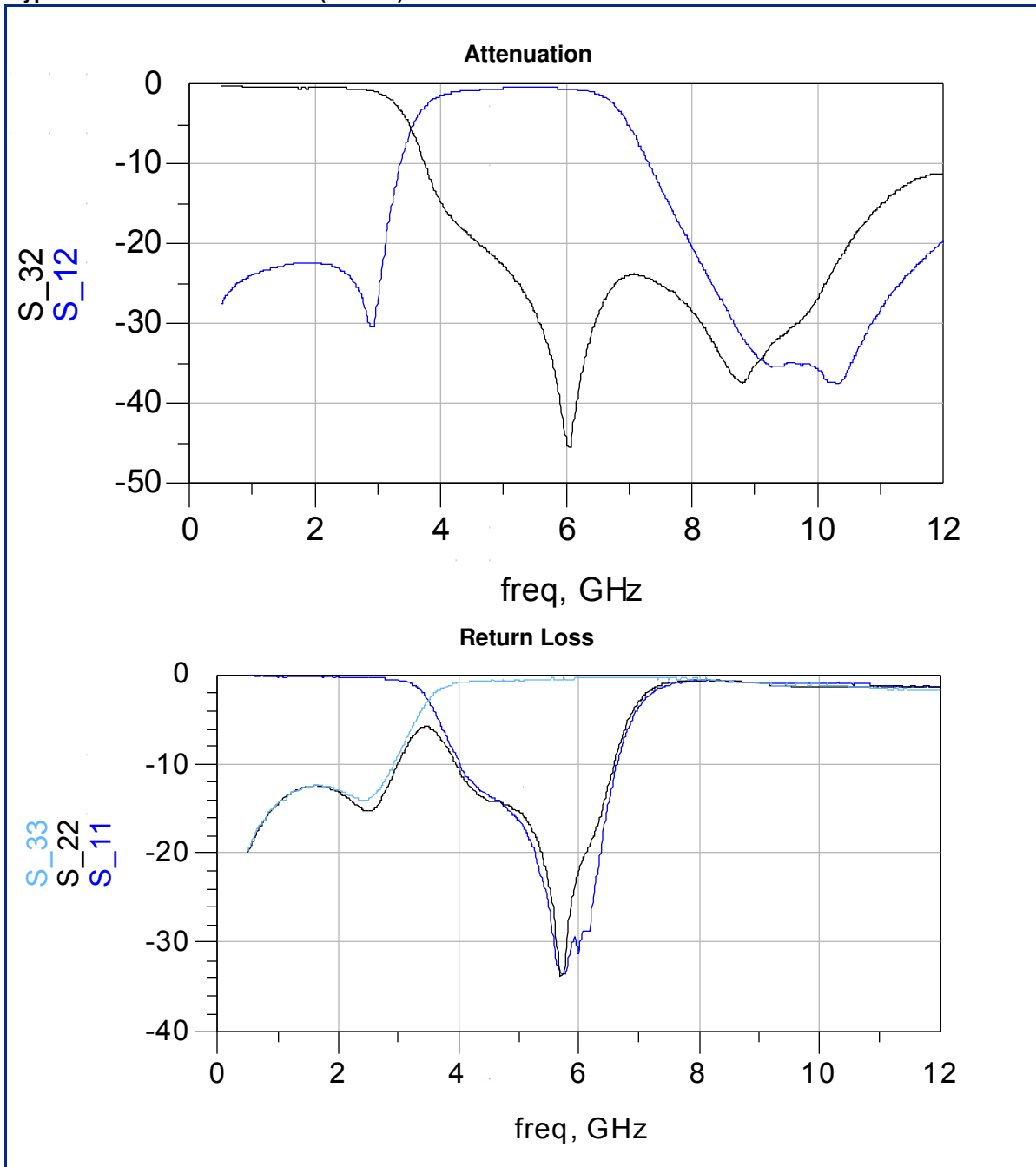
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Typical Electrical Performance (T=25°C)



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