

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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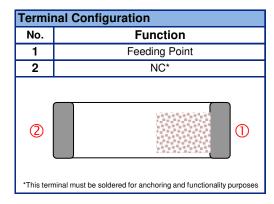


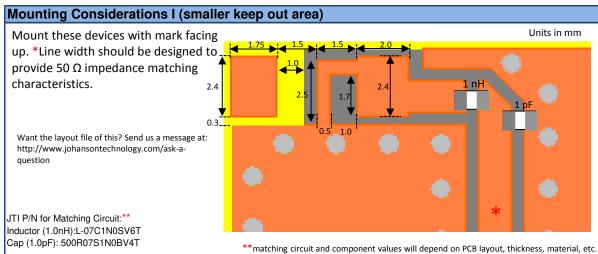
2.4 GHz AntennaDetail Specification: 5/4/2016 Page 1 of 8

General Specifications						
Part Number	2450AT42D0100	Input Power	2W max. (CW)			
Frequency (MHz)	2400 - 2500 MHz	Operating Temperature	-40 to +85°C			
Peak Gain (XZ-V)	0.5 dBi typ.	Recommended Storage	+5 to +35°C, 45~75%RH			
Average Gain (XZ-V)	-2.0 dBi typ.	Conditions	18 months max.			
Return Loss	6 dB min.	Reel Quanity	1,000			

Part Number Explanation							
P/N Suffix	Packing Style	Bulk (loose)	Suffix = S	eg. 2450AT42D0100S			
		T&R	Suffix = E	eg. 2450AT42D0100E			
		100% Tin	Suffix = E or S	eg. 2450AT42D0100(E or S)			
	Evaluation Board	2450AT42D0100-EB1SMA					

Mechanical Dimensions				
	ln	mm		
L	0.197 ± 0.008	5.00 ± 0.20		
W	0.079 ± 0.008	2.00 ± 0.20		
Т	0.118 ± +.004/008	3.00 ± +0.1/-0.2		
а	0.020 ± 0.012	0.50 ± 0.30		
W	Top view	Side view		





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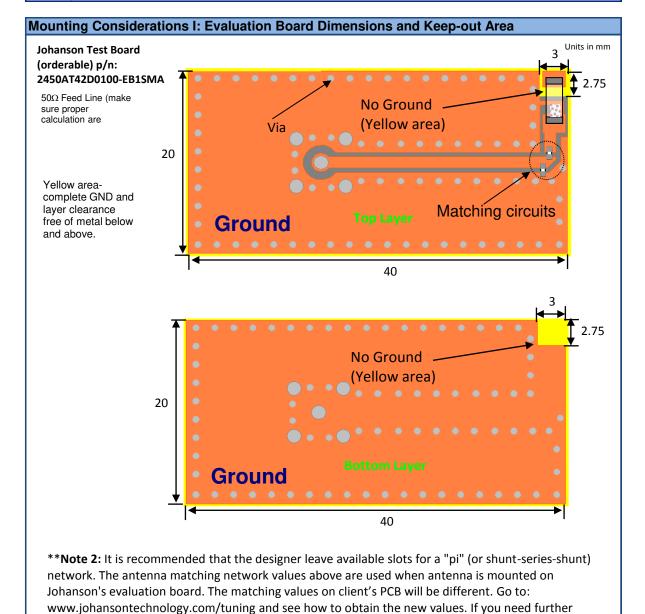
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Ver 1.1

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2.4 GHz Antenna P/N 2450AT42D0100

Detail Specification: 5/4/2016 Page 2 of 8



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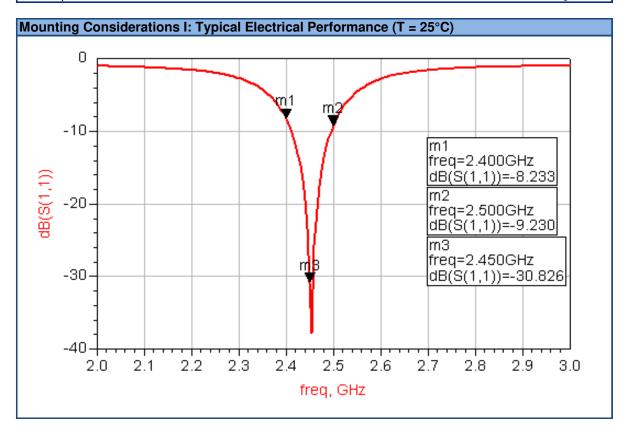


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help, such as needing the layout file of the above, contact our RF Applications Eng. Team at:

2.4 GHz Antenna P/N 2450AT42D0100

Detail Specification: 5/4/2016 Page 3 of 8



Feel free to contact us if you have any questions regarding the implementation of this antenna in your PCB's layout. We'll be happy to guide you in how to maximize the antenna's performance.

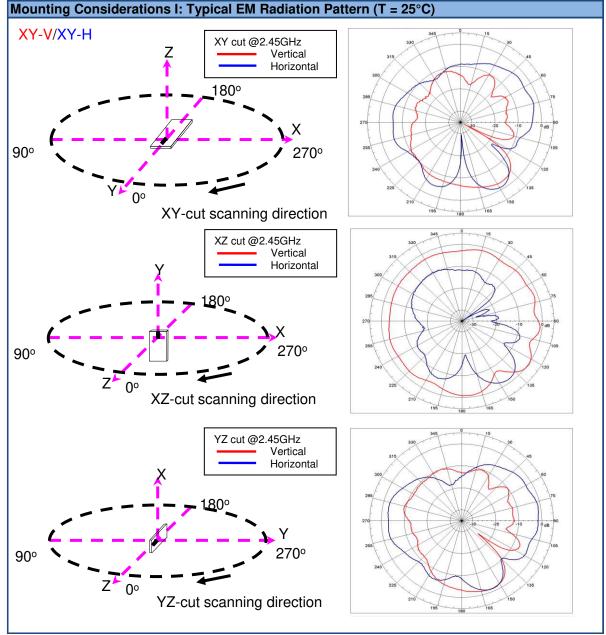
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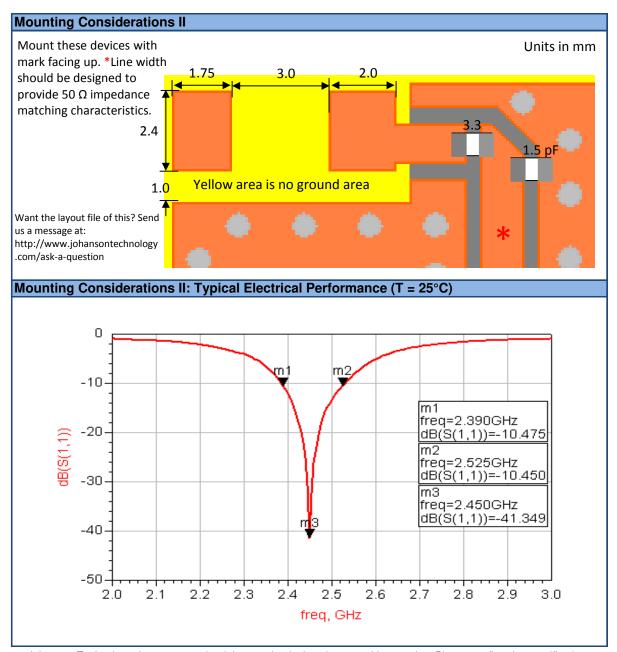
Detail Specification: 5/4/2016 Page 4 of 8





2.4 GHz Antenna P/N 2450AT42D0100

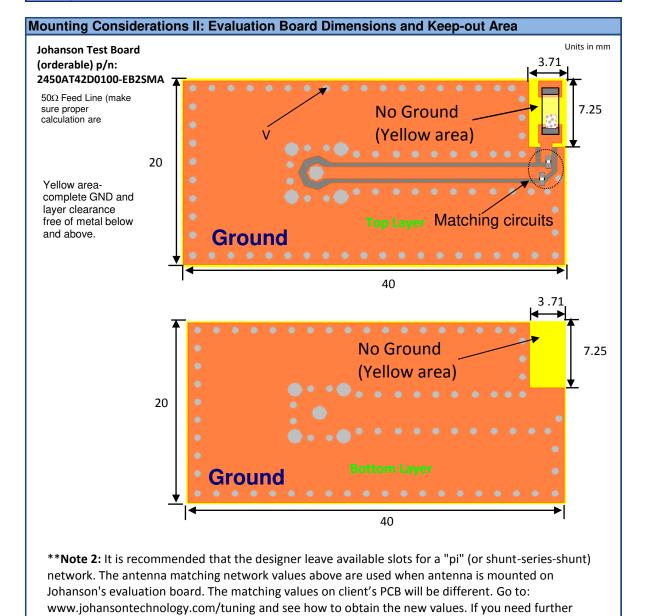
Detail Specification: 5/4/2016 Page 5 of 8





2.4 GHz Antenna P/N 2450AT42D0100

Detail Specification: 5/4/2016 Page 6 of 8



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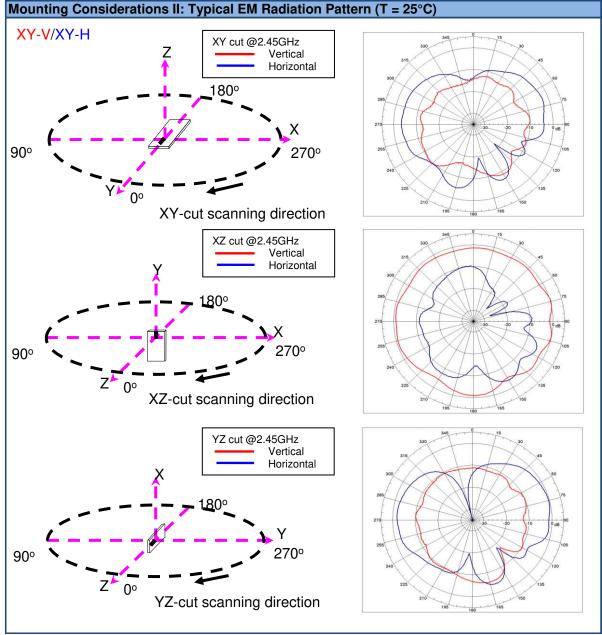


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2.4 GHz Antenna P/N 2450AT42D0100

Detail Specification: 5/4/2016 Page 7 of 8





2.4 GHz Antenna P/N 2450AT42D0100

Detail Specification: 5/4/2016 Page 8 of 8

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