

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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920 MHz Antenna	P/N 0920AT50A080
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General Specifications			
Part Number	0920AT50A080	Impedance	50 Ω
Frequency (MHz)	880 - 960 Mhz	Input Power	5W max.
Peak Gain (XZ-total)	-0.7 dBi typ.	Operating Temperature	-40 to +85°C
Average Gain (XZ-tota	-2.6 dBi typ.	Reel Quanity	1,000
Return Loss	8.5 dB max		

Part Number Explanation				
P/N Suffix	Packing Style	Bulk	Suffix = S	eg. 0920AT50A080S
		T&R	Suffix = E	eg. 0920AT50A080E
		100% Tin	Suffix = E or S	eg. 0920AT50A080(E or S)
Termination style		Tin / Lead	Please Consult Factory	

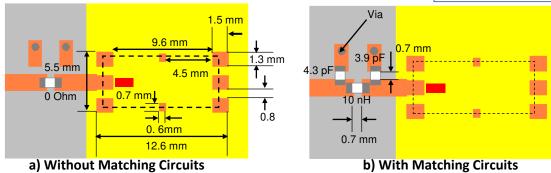
Mechanical Dimensions			
	ln	mm	
L	0.433 ± 0.012	11.00 ± 0.30	
W	0.201 ± 0.012	5.10 ± 0.30	
Т	0.059 ± 0.008	1.50 ± 0.20	
а	0.039 ± 0.008	1.00 ± 0.20	
b	0.020 ± 0.012	0.50 ± 0.30	
С	0.020 ± 0.012	0.50 ± 0.30	

Terminal Configuration		
No.	Function	
1	NC	
2	Feeding Point	
3	NC	
4	NC	
5	NC	
6	NC	
7	NC	
8	NC	
6 1 1 1 2 8 3 5 5		

Mounting Considerations

Mount these devices with brown mark facing up. Units: mm Line width should be designed to provide 50 Ω impedance matching characteristics.

| JTI P/N for Matching Circuit: Cap (3.9pF): 500R0753R9BV4T | Inductor (10nH): L-07C10NJV6T

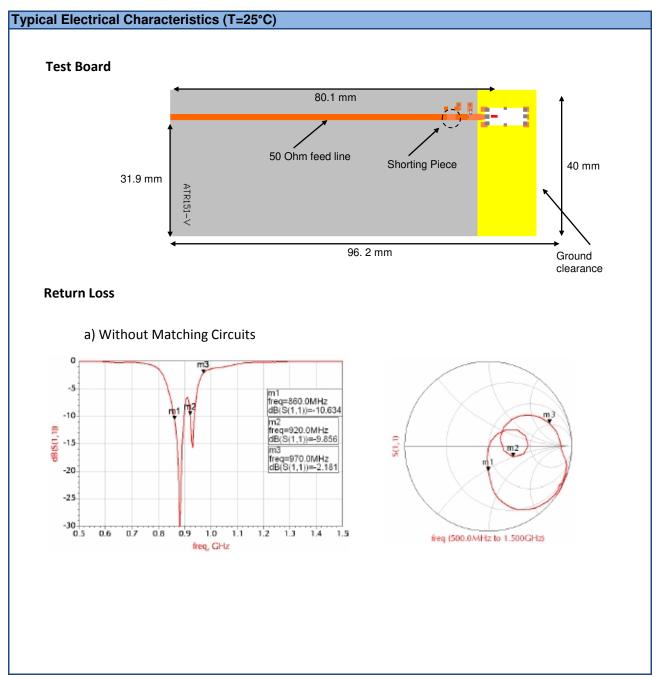


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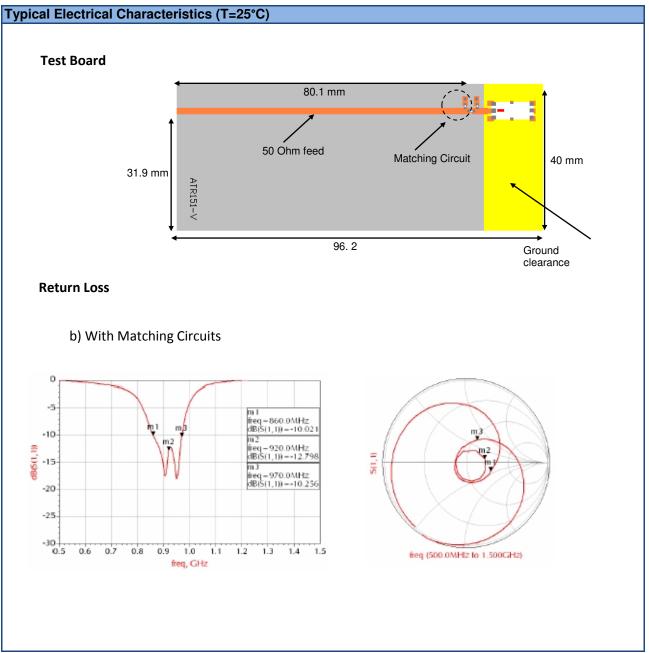


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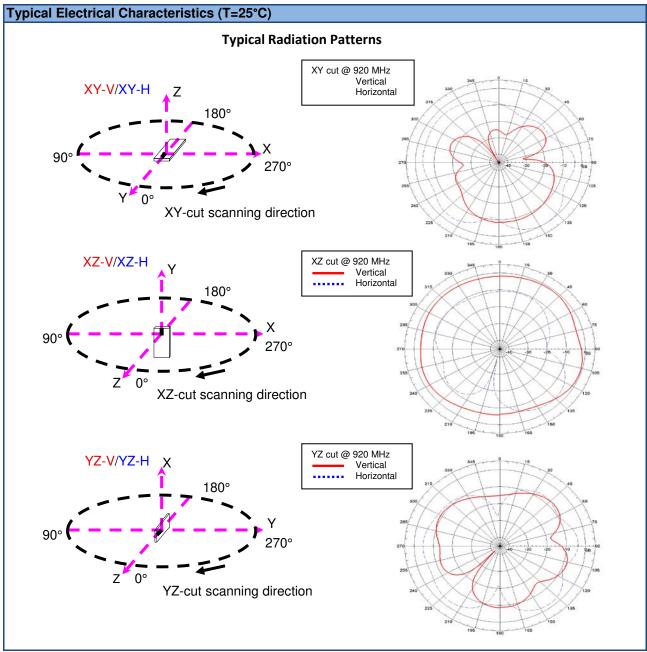


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