



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!



Contact us

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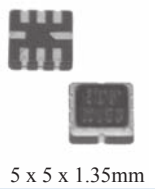
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SMD ONE PORT 915 MHz SAW RESONATOR

ASR915E

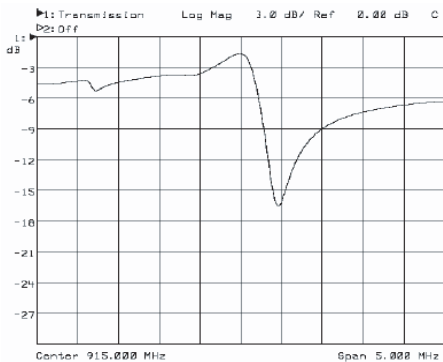


STANDARD SPECIFICATIONS:

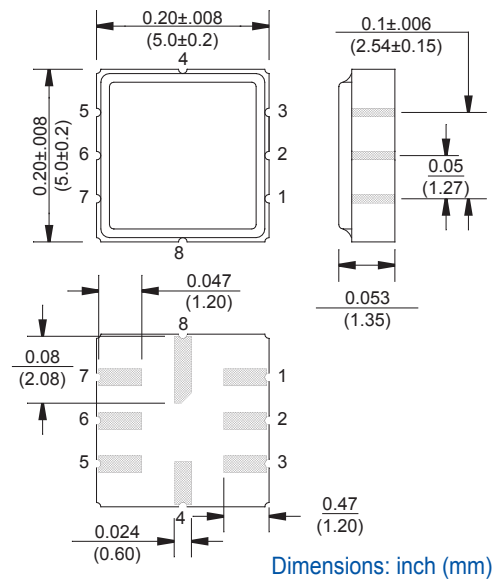
Data measured with Source Impedance $Z_s=50\Omega$ Load Impedance $Z_L=50\Omega$ $TA=25^\circ C$

Item	Units	Minimum	Typical	Maximum
Center Frequency F_o	MHz	914.85	915.000	915.15
Insertion Attenuation @ 915MHz	dB	-	1.5	2.5
Quality Factor	Unloaded	--	8000.0	--
	50Ω loaded	--	1300.0	--
Temperature Stability	Turnover Temperature	$^\circ C$	25.0	--
	Turnover Frequency	KHz	F_o	--
	Freq. Temp. Coefficient	ppm/ $^\circ C^2$	--	0.032
Frequency Aging	ppm/year	--	± 10	--
DC Insulation Resistance	M Ω	1		--
RF Equivalent RLC Model	Motional Resistance R_1	Ω	18.0	--
	Motional Inductance L_1	μH	25.2	--
	Motional Capacitance C_1	fF	1.2	--
	Shunt Capacitance C_0	pF	1.6	--
Operating temp.	$^\circ C$	-40 $^\circ C$ to +85 $^\circ C$		
Storage temp.	$^\circ C$	-45 $^\circ C$ to +85 $^\circ C$		
Max. Rating	DC voltage	V	± 10	
RF Power Dissipation		dBm	0	

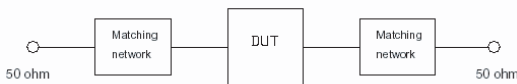
FREQUENCY RESPONSE:



OUTLINE DRAWING:



TEST CIRCUIT:



MARKING:

- 915R (915 Frequency in MHz)
 - A ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004
 X: Traceability code)

PIN NO.	CONNECTIONS
1	Input GND
2	Input
5	Output GND
6	Output
3,7	To be GNDed
4,8	Case GND

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