SMD ONE PORT 423.22MHz SAW RESONATOR

ASR423.22E





> STANDARD SPECIFICATIONS:

CHARACTERISTICS		UNIT	MIN.	TYP.	MAX.	
Center Frequency Fo			MHz	423.145	423.220	423.295
Tolerance from Fo			KHz		±75	
Insertion Loss		dB	-	1.3	2.5	
Quality Factor	Unloaded		-		12,300	
	50Ω loaded		-		1,900	
Temperature Stability	Turnover Temperature		°C	20.0	35.0	50
	Turnover Frequency		KHz		Fo	
	Freq. Temp. Coefficient		ppm/°C ²		0.037	
Frequency Aging		ppm/year		<±10		
DC Insulation Resistance			MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R ₁		Ω		19	29
	Motional Inductance L ₁		μH		89.547	
	Motional Capacitance C ₁		fF		1.5808	
	Shunt Capacitance C ₀		pF		2.5	2.4
Operating temp.		°C	-40°C to +85°C			
Storage temp.		°C	-45°C to +85°C			
Max. Rating	DC voltage V		±10			
RF Power Dissipation		dBm	0			

Data measured with: Source Impedance: Zs=50Ω, Load Impedance: ZL=50Ω, TA=25°C Electrostatic Sensitive Device. Handle with precaution.

> MARKING:

- A ZYX

- 423.22R

(423.22 Frequency in MHz) (ZY: Date code Z for month

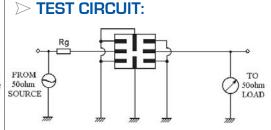
from A to L; Y for year,

I.e. 4 for 2004

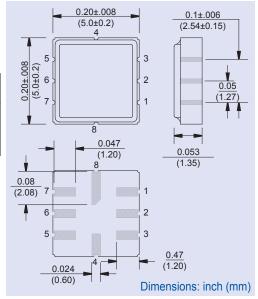
X: Traceability code)

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

> FREQUENCY RESPONSE: Log Mag 5.0 dB/ Ref 8.00 dB C Log Mag 5.0 dB/ Ref 8.00 dB C dB -10 -35 Abs



> OUTLINE DRAWING:



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