SMD ONE PORT 390 MHz SAW RESONATOR

ASR390E

Pb | **RoHS** Compliant

5 x 5 x 1.5mm

▷ **STANDARD SPECIFICATIONS:**

CHARACTERISTICS		UNIT	MIN.	TYP.	MAX.
Center Frequency Fo		MHz	389.900	390.00	390.100
Tolerance from Fo		KHz		±75	
Insertion Loss		dB	-	1.2	2.0
Quality Factor	Unloaded	-		11,500	
	50Ω loaded			1,800	
Temperature Stability	Turnover Temperature	°C		25	
	Turnover Frequency	KHz		Fo+7.7	
	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		22	100
	Motional Inductance L_1	µH		83	
	Motional Capacitance C_1	fF		1.97	
	Shunt Capacitance C_0	pF	2.0	3.0	4.0
Operating temp.		°C	-45°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.
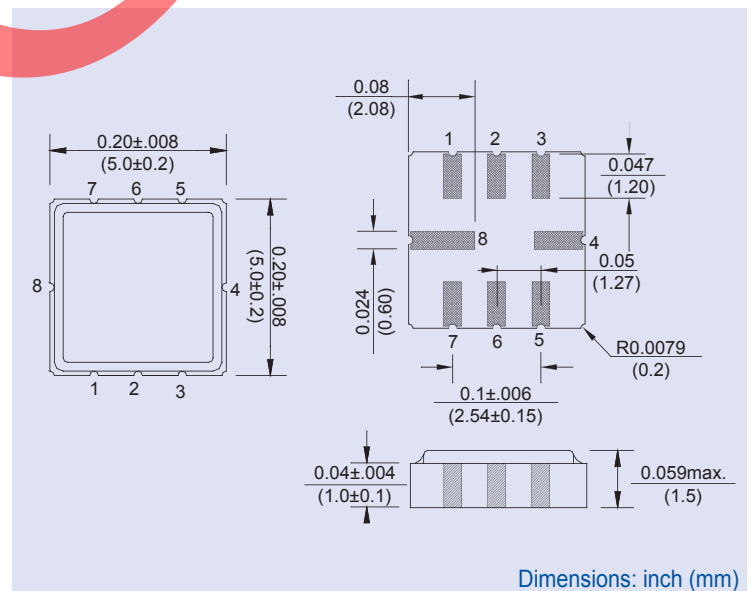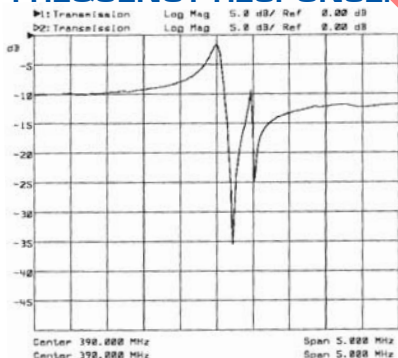
▷ **MARKING:**

- 390R   (390 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
2	Input
6	Output
4,8	Case GND
Others	GND

▷ **FREQUENCY RESPONSE:**

▷ **OUTLINE DRAWING:**

Dimensions: inch (mm)

ABRACON IS ISO 9001:2008 CERTIFIED

ABRACON CORPORATION

30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com