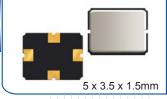
SMD ONE PORT 433.92 MHz SAW RESONATOR

ASR433S2





> STANDARD SPECIFICATIONS:

CHARACTERISTICS		UNIT	MIN.	TYP.	MAX.	
Center Frequency Fo			MHz	433.845	433.920	433.995
Tolerance from Fo		KHz		±75		
Insertion Loss		dB	-	1.5	2.0	
Quality Factor	Unloaded		-		11,000	
	50Ω loaded				2,000	
Temperature Stability	Turnover Temperature		°C		39	
	Turnover Frequency		KHz		Fc	
	Freq. Temp. Coefficient		ppm/°C ²		0.032	
Frequency Aging			ppm/year		±10	
DC Insulation Resistance			MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R ₁		Ω		18	26
	Motional Inductance L ₁		μΗ		86	
	Motional Capacitance C ₁		fF		1.56	
	Shunt Capacitance C ₀		pF		2.0	
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:

- 433.92 (433.92 Frequency in MHz) - ZYX (ZY: Date code Z for month

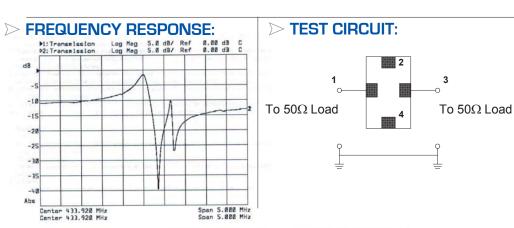
from A to L; Y for year,

I.e. 4 for 2004

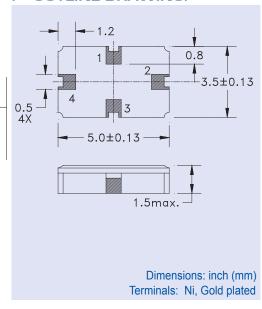
X: Traceability code)

PIN NO.	CONNECTIONS		
1	Input		
2	GND		
3	Output		
4	GND		

3



> OUTLINE DRAWING:

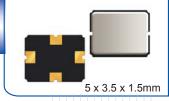






SMD ONE PORT 433.92 MHz SAW RESONATOR

ASR433S2



> PACKING:

-Tape specifications

-Tensile strength of carrier tape: 4.4N/mm width

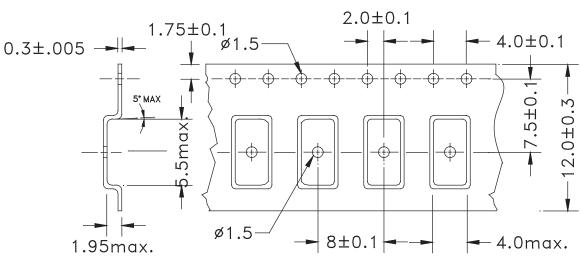
-Top cover tape adhesion

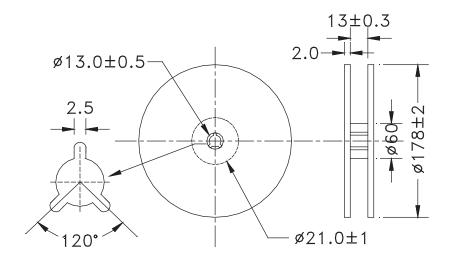
-Pull off angle: 0 ~ 15°

-Speed: 300mm/min.

-Force: 20 ~ 70g.







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