



广州市番禺奥迪威电子有限公司

Audiowell Electronics (Guangzhou) Co., Ltd.

地址：中国广东省广州市番禺区迎宾路东升工业区 邮政编码：511400

Add: Dongsheng Industrial Park, Yingbin Road, Panyu, Guangzhou 511400, China

Tel: +86-20-84802041 84802405 84871596 34516785 Fax: 84665207



ISO 9001:2000
Certificate Registration No.
12 100 21875 TMS



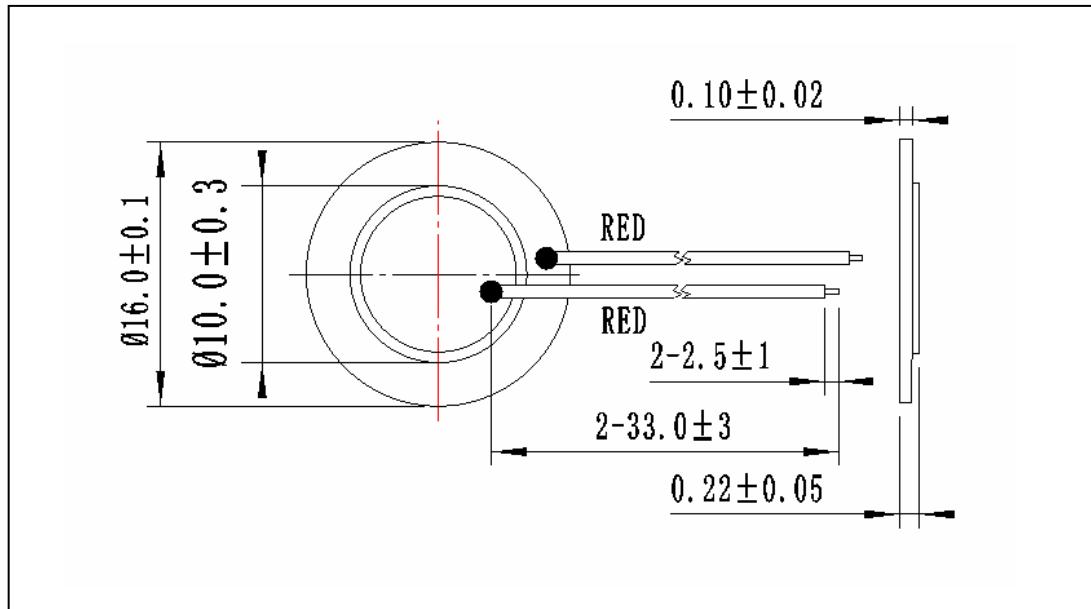
ISO/TS 16949:2002
IATF Certificate No.
0019903

PIEZOELEMENT SPECIFICATIONS

MODEL: AW1E16T-38EL1Z

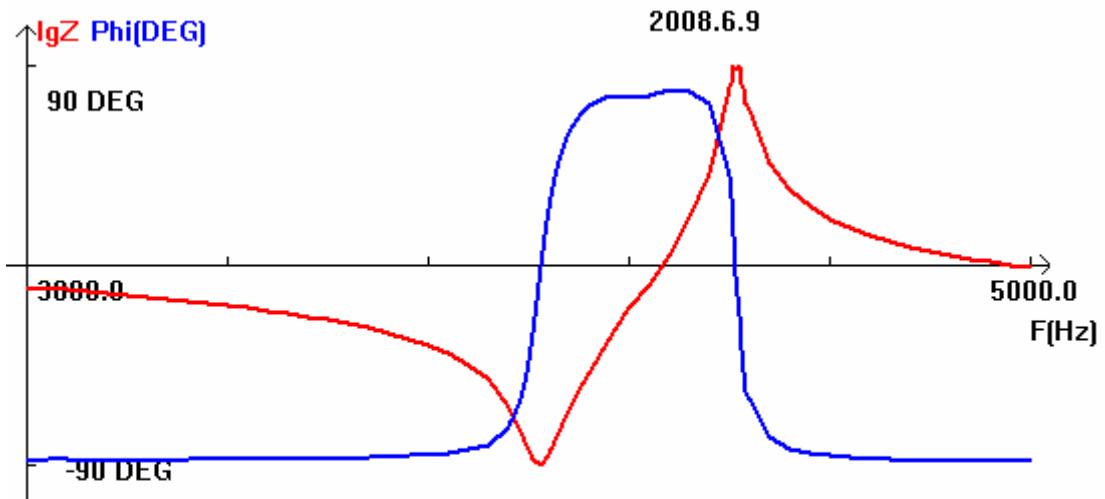
Resonant frequency	Fr	3.8±0.8kHz (WITHOUT WIRES)
Main electrostatic capacity	Cm	14000±30% pF at 1kHz/1V 25°C (WITHOUT WIRES)
Feedback electrostatic capacity	Cf	-----
Resonant impedance	R	1500Ω MAX. (WITHOUT WIRES)
Metal plate material		Brass
Metal plate diameter	mm	16.0±0.1
Metal plate thickness	mm	0.10±0.02
Ceramic diameter	mm	10.0±0.30
Total height	mm	0.22±0.05
Insulation resistance		100MΩ MIN. at 50V
Maximum input voltage		30Vp-p
Operating temperature range		-20°C to +70°C
Storage temperature range		-30°C to +80°C
Lead wires		UL1571AWG30#RED

APPEARANCE AND DIMENSIONS:



Remark: The Pb in ceramic is exempt, other ingredients are all ROHS compliant

■ TYPICAL FREQUENCY RESPONSE CURVE



■ MEASURING PROCEDURE

The resonant frequency and resonant impedance are measured in the constant-voltage circuit.

