



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

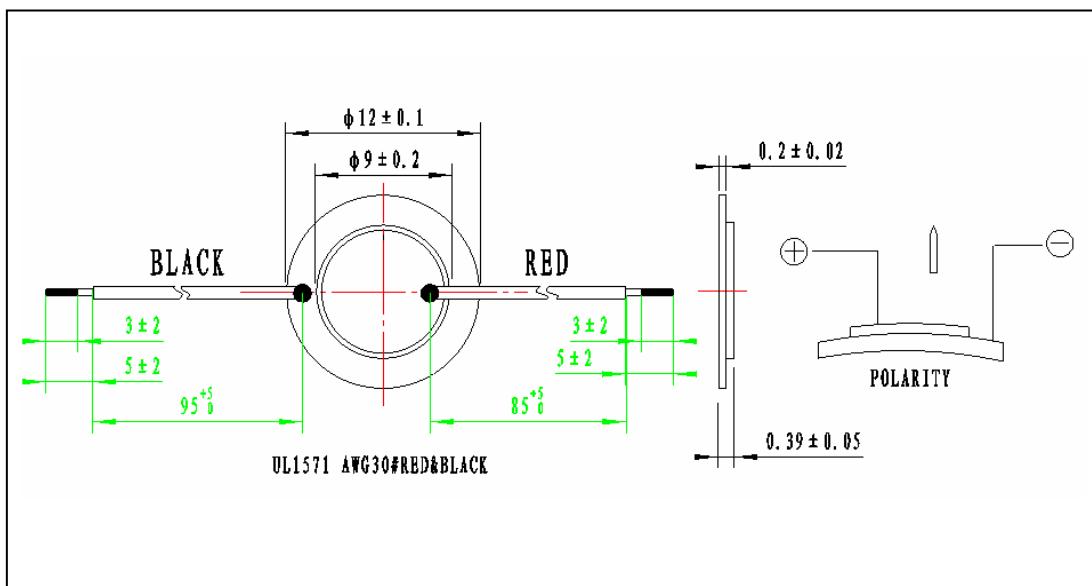


PIEZOELEMENT SPECIFICATIONS

MODEL: AW1E12G-190EFL1Z

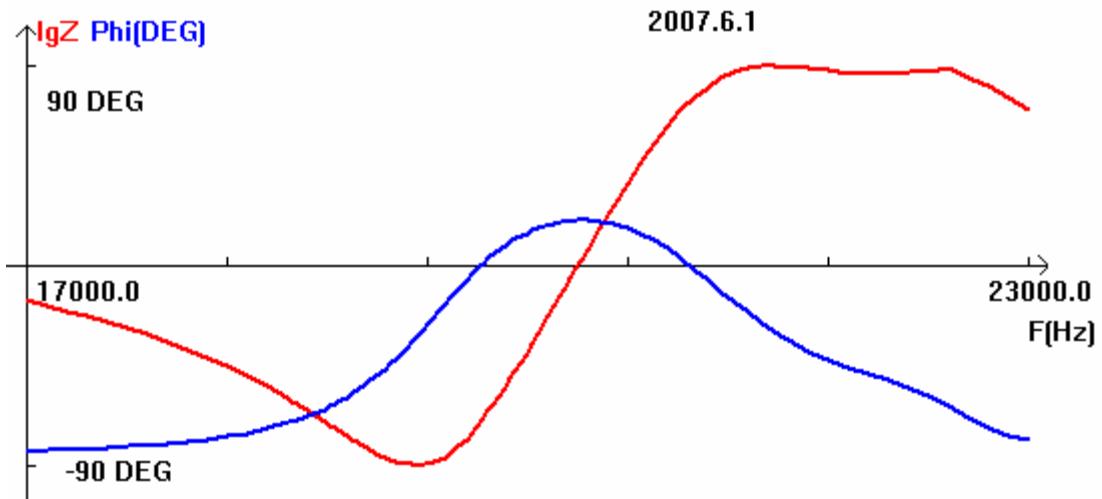
Resonant frequency	F_r	$19.0 \pm 1.5\text{kHz}$
Main electrostatic capacity	C_m	$6500 \pm 30\% \text{ pF at } 1000\text{Hz/1V}$
Feedback electrostatic capacity	C_f	-----
Resonant impedance	R	$1000 \Omega \text{ MAX.}$
Metal plate material		SUS304
Metal plate diameter	mm	12.0 ± 0.10
Metal plate thickness	mm	0.20 ± 0.02
Ceramic diameter	mm	9.0 ± 0.20
Total height	mm	0.39 ± 0.05
Insulation resistance		$100M \Omega \text{ MIN.}$
Maximum input voltage		30Vp-p
Operating temperature range		-20°C to +70°C
Storage temperature range		-30°C to +80°C
Lead wires		UL 1571 AWG30#RED&BLACK

APPEARANCE AND DIMENSIONS:



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

■ TYPICAL FREQUENCY RESPONSE CURVE



■ MEASURING PROCEDURE

The node held with a measuring terminal, the resonant frequency and resonant impedance are measured in the constant-voltage circuit.

