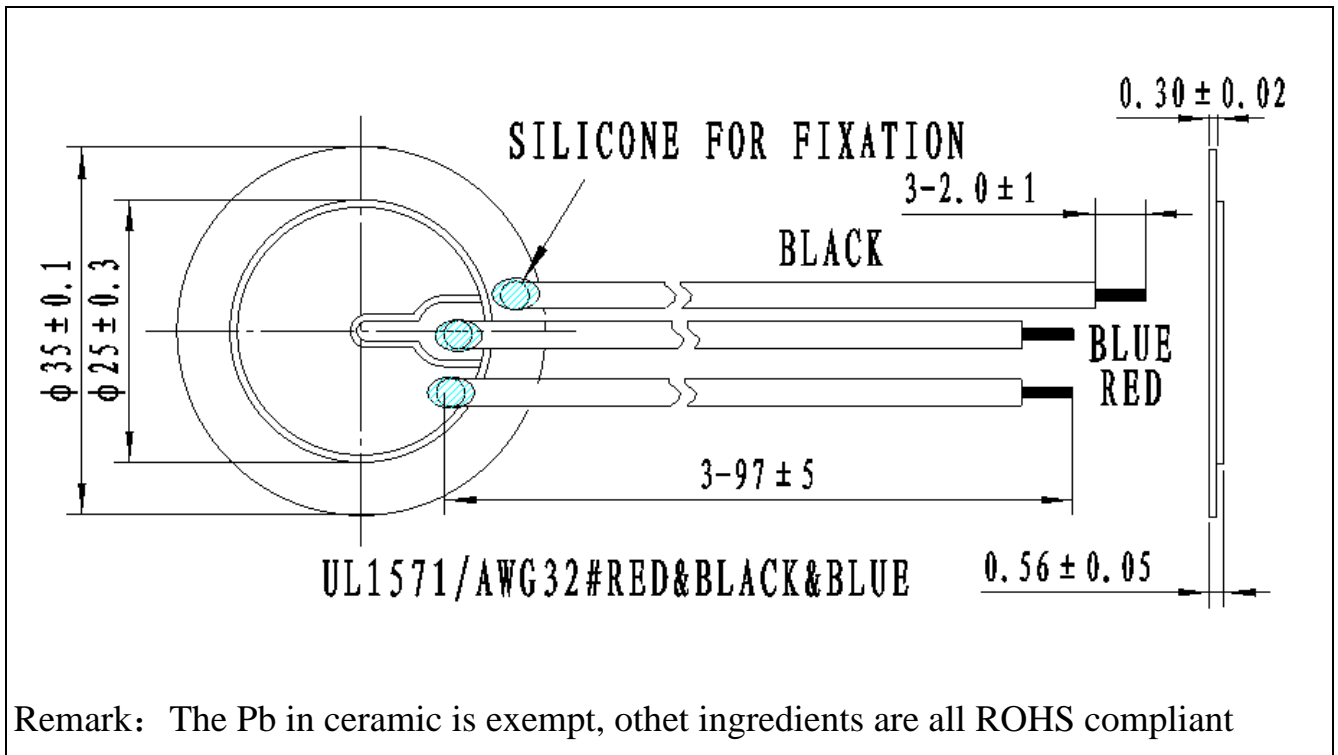


PIEZO ELEMENT SPECIFICATIONS

MODEL: AW4E35G-32S1L2Z

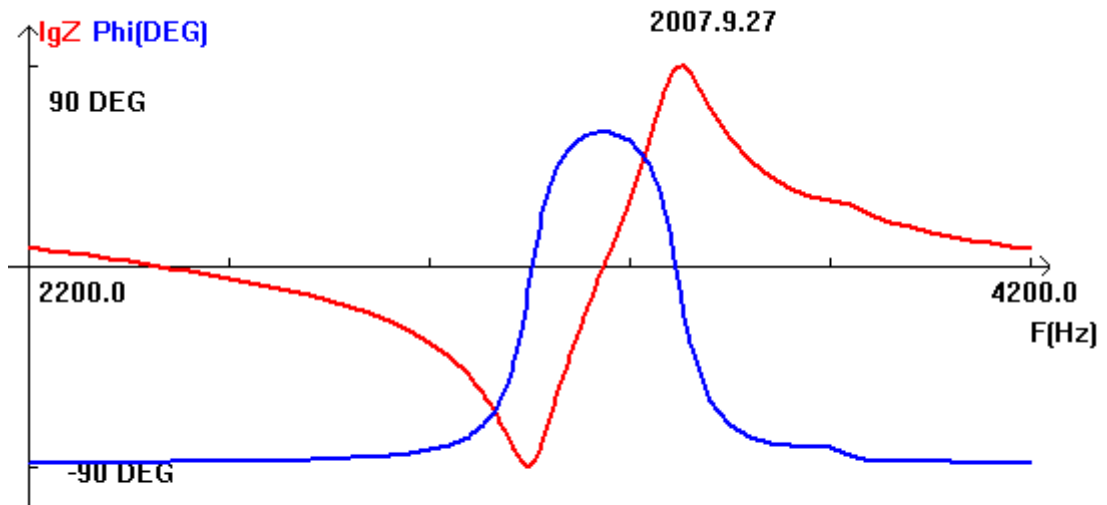
Resonant frequency	F_r	$3.2 \pm 0.3 \text{ kHz}$ (WITH WIRES)
Main electrostatic capacity	C_m	$35000 \pm 30\% \text{ pF}$ at 1kHz/1V 25°C (WITHOUT WIRES)
Feedback electrostatic capacity	C_f	$4300 \pm 30\% \text{ pF}$ at 1kHz/1V 25°C (WITHOUT WIRES)
Resonant impedance	R	$500 \Omega \text{ MAX.}$ (WITH WIRES)
Metal plate material		SUS 304
Metal plate diameter	mm	35.0 ± 0.10
Metal plate thickness	mm	0.30 ± 0.02
Ceramic diameter	mm	25.0 ± 0.30
Total height	mm	0.56 ± 0.05
Insulation resistance		$100 \text{ M}\Omega \text{ MIN.}$ 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		UL1571AWG32#RED&BLACK&BLUE(SHIN DIN)

PEARANCE 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.

