

PIEZO ELEMENT SPECIFICATIONS

■ MODEL: AW1E50T-31E

Resonant frequency	F_r	$3.1 \pm 0.5 \text{ kHz}$
Main electrostatic capacity	C_M	$40000 \pm 30\% \text{ pF at } 1000\text{Hz}/1\text{V } 25^\circ\text{C}$
Feedback electrostatic capacity	C_f	-----
Resonant impedance	R	$500 \Omega \text{ MAX.}$
Metal plate material		Brass
Metal plate diameter	mm	50.0 ± 0.10
Metal plate thickness	mm	0.20 ± 0.02
Ceramic diameter	mm	25.0 ± 0.30
Total height	mm	0.44 ± 0.05
Insulation resistance		$100\text{M} \Omega \text{ MIN.}$
Maximum input voltage		30Vp-p
Operating temperature range		$-20^\circ\text{C to } +70^\circ\text{C}$
Storage temperature range		$-30^\circ\text{C to } +80^\circ\text{C}$
Lead wires		-----

■ APPEARANCE AND DIMENSIONS

