

PIEZO ELEMENT SPECIFICATIONS

MODEL: AW3E12T-42EA

Resonant frequency	F_r	$4.2 \pm 1.0 \text{ kHz}$
Main electrostatic capacity	C_m	$20000 \pm 30\% \text{ pF at } 1000 \text{ Hz/1V } 25^\circ \text{C}$
Feedback electrostatic capacity	C_f	-----
Resonant impedance	R	$3000 \Omega \text{ MAX.}$
Metal plate material		H65
Metal plate diameter	mm	12.0 ± 0.10
Metal plate thickness	mm	0.06 ± 0.02
Ceramic diameter	mm	10.0 ± 0.20
Total height	mm	0.12 ± 0.03
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:

