

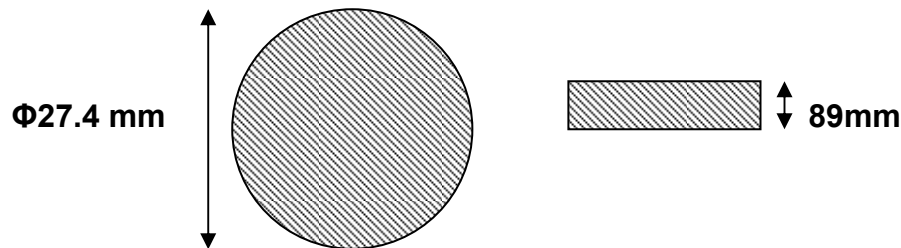
## Specification

Piezoelectric Ceramic Element

Part No: ANN-P5C27089

Unit: mm

Dimension:  $\Phi 27.4 \times 8.9$



**Piezoelectric Material: PZT-5**

**Electrical Characteristics:**

1. Thickness Frequency (ft)	: 215KHz $\pm$ 2%
2. Capacitance (C)	: 1230pf $\pm$ 12.5%
3. Coupling coefficient (K33)	: $\geq$ 0.59
4. Impedance (Zt)	: 45 $\Omega$
5. Mechanical quality factor (Qm)	: 100
6. Curie temperature (Tc)	: 260 $^{\circ}$ C
7. Density ( $\rho$ )	: 7.45 $\times 10^3$ kg/m <sup>3</sup>