

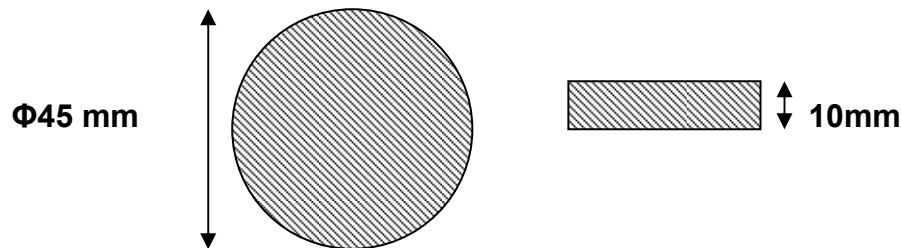
Specification

Piezoelectric Ceramic Element

Part No: ANN-P4C45100

Unit: mm

Dimension: $\Phi 45 \times 10$



Piezoelectric Material: PZT-4

Electrical Characteristics:

1. Thickness Frequency (ft)	: 200KHz \pm 2%
2. Radial Frequency (fs)	: 50KHz
3. Capacitance (C)	: 1790pf \pm 12.5%
4. Coupling coefficient (K33)	: \geq 0.58
5. Impedance (Zt)	: 25 Ω
6. Mechanical quality factor (Qm)	: \geq 500
7. Curie temperature (Tc)	: 300 $^{\circ}$ C
8. Density (ρ)	: 7.45 $\times 10^3$ kg/m ³