

# Ceramic Piezoelectric Element

Ceramic piezoelectric elements generate sound or detect vibrations in electronic devices. The elements consist of a ceramic disc with metallic electrodes on both sides for electrical connection and signal transduction.



## Product Overview

### Precision Piezoelectric Technology

These ceramic piezoelectric elements are high-performance components designed for precise signal transduction and vibration detection. Featuring a ceramic disc architecture with integrated metallic electrodes, they facilitate reliable electrical connectivity for advanced electronic systems. Their versatile design makes them an ideal choice for engineers developing professional audio equipment, vibration sensors, and specialized lighting applications.

## Technical Specifications

Component Type	Ceramic Piezoelectric Disc
Design Features	Metallic Electrodes, Dual-Sided Contact, Ceramic Core

## Application Data

### Primary Applications

- Professional Audio Generation
- Vibration Detection
- Electronic Signal Transduction
- Lighting Control Systems

## Performance Characteristics

### Key Performance Indicators

#### 1 Variable

Frequency Sensitivity

#### 1 Size Dependent

Resonant Frequency