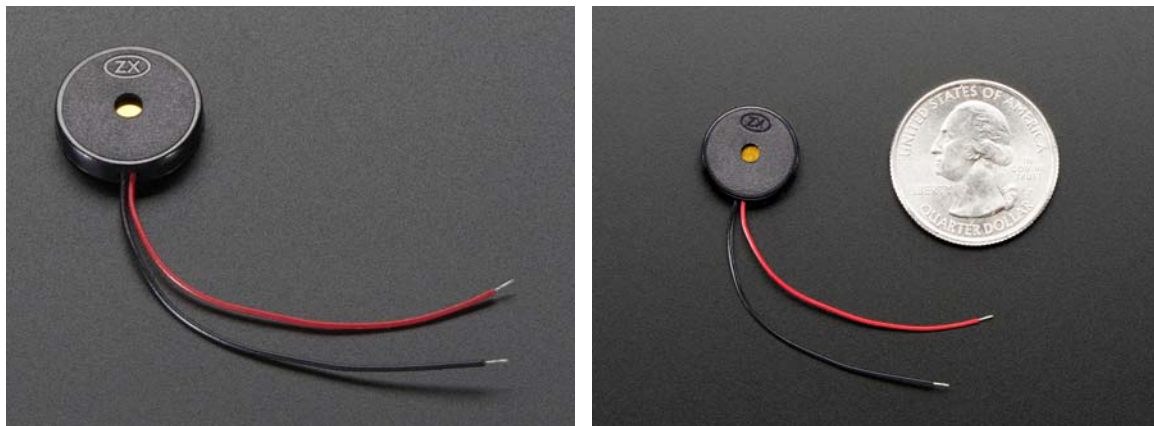




Small Enclosed Piezo w/Wires

PRODUCT ID: 1740



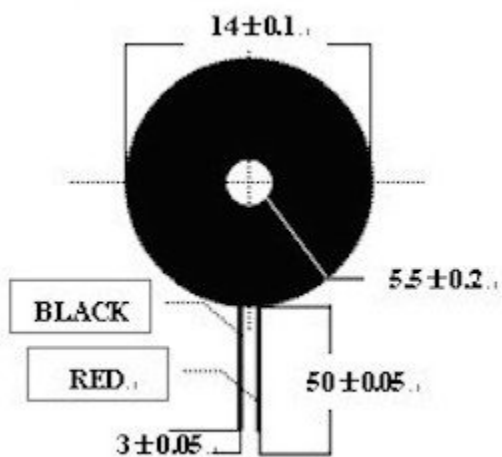
DESCRIPTION

This small (14mm diameter) piezo element is nicely enclosed so you can attach easily. Piezo elements convert vibration to voltage or voltage to vibration. That means you can use this as a buzzer for making beeps, tones and alerts AND you can use it as a sensor, to detect fast movements like knocks. You can also use it under a drum pad to make a drum/crash sensor

It's rated for up to 9Vpp use but you can also use 3V square waves and its plenty loud. For music use with an Arduino, check out the Tone tutorial. For sensing, the Knock tutorial is your guide! There are thin wires attached, we plugged them into a solderless breadboard, but they might too thin to plug in directly into the Arduino socket headers.

TECHNICAL DETAILS

- Resonant Frequency: 8kHz
- Max Rated Current: 3.0mA
- Rated Voltage: 9V
- Operating Temperature: -20°C ~ 70°C
- Maximum Input Voltage: 40V



Dimensions:

- External Diameter: 14mm / 0.55"
- Center Circumference: 5.5mm / 0.2"
- Thickness: 2.5mm / 0.1"
- Weight: 0.5g