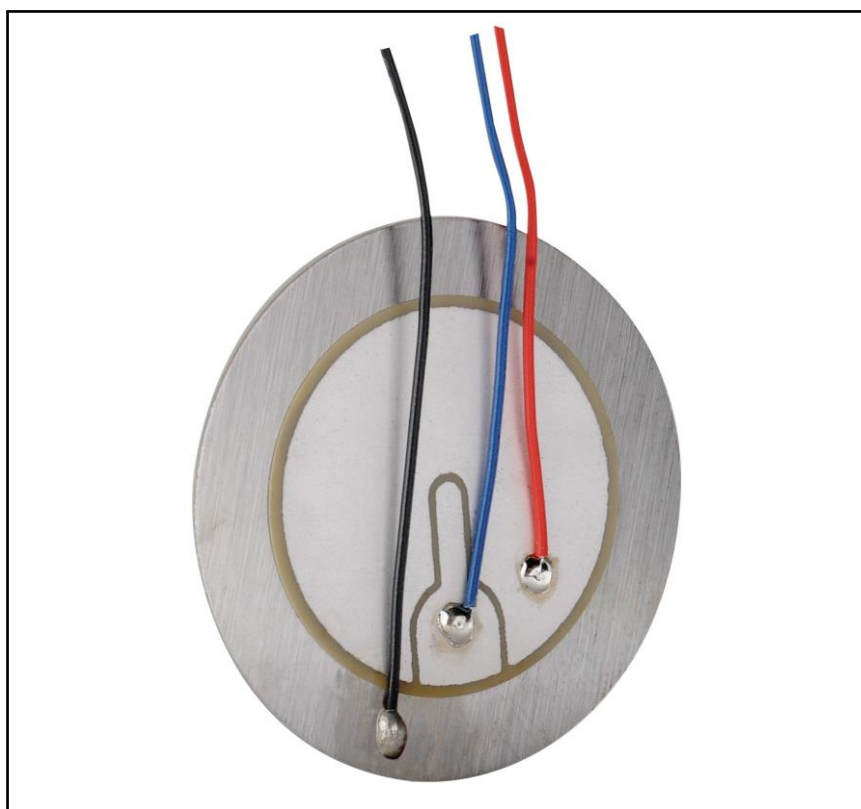


Features

- Piezo element with leads
- Blue lead is feedback lead
- Low profile
- Stainless steel disc
- Input voltage max. 30Vp-p
- Resonant frequency 2.9KHz
- Requires additional circuitry to generate sound
- Diameter: 35mm

RS PRO Piezo Element with Feedback 1-30Vp-p

RS Stock No.: 7243166



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This is a bare piezo element. It consists of a piezoelectric ceramic mounted on to a stainless steel disc. Current consumption is low. Piezo elements allow design engineers the freedom to design their own housing to generate the required sound output. This piezo element is fitted with 3 x 90mm leads. The blue lead is the feedback lead. This can be used as an input to the driving circuitry to drive the piezo at its resonant frequency, therefore producing its loudest sound.

APPLICATIONS:

- Access & security
- Medical
- Home appliances
- Toys & games
- Consumer electronics
- Timers
- Load monitors & pressure gauges
- Agricultural system monitoring
- Alarms within automotive applications such as seat belt, tyre pressure, temperature warnings
- Sensing & instrumentation
- Communications equipment
- Remote monitoring systems
- Safety products

Electrical Specifications

Operating voltage	1~30Vp-p
Resonant frequency	2900±500Hz
Resonant impedance	≥200Ω
Capacity at 120Hz	25000±30%pF
Plate material	Stainless steel
Operating temperature	-20~+60°C
Storage temperature	-30~+70°C
Lead wire	UL1571 AWG30

