

Buzzer - Electro Mechanical Transducer



DESCRIPTION

These small, low power, Buzzer-type Piezo Transducers are designed to provide an audible output with a sound pressure level of up to 80dB at a Frequency of 2048Hz.

DISTINCTIVE FEATURES

- ROHS compliant
- Low power consumption
- PCB mountable
- Voltage rating 1.5V
- Current rating $\leq 15\text{mA}$
- Sound output 80dB at 10cm
- Frequency 2048Hz
- Diameter 12mm

APPLICATIONS

These Piezo Transducers are suitable for a range of applications including Industry, Security, Sensing and Instrumentation.

Ø
12mm

≥80dB

1.5V
p-p

≤15mA





ELECTRICAL SPECIFICATION

Rated Voltage (Vp-p square wave)	1.5Vp-p
Operating Voltage	1~3Vp-p
Rated current at rated voltage	≤15mA
Coil resistance	42±6Ω
Coil impedance at 2048Hz	120Ω



GENERAL SPECIFICATION

Type	Electro Mechanical Transducer
Resonant Frequency	2048Hz
Sound output at 2048Hz at 10cm	≥80dB
Tone	Continuous Tone



MATERIALS

Material	ABS
Colour	Black



ENVIRONMENTAL/OPERATING SPECIFICATION

Operating temperature	-20~+70°C
Storage temperature	-30~+80°C



TERMINALS

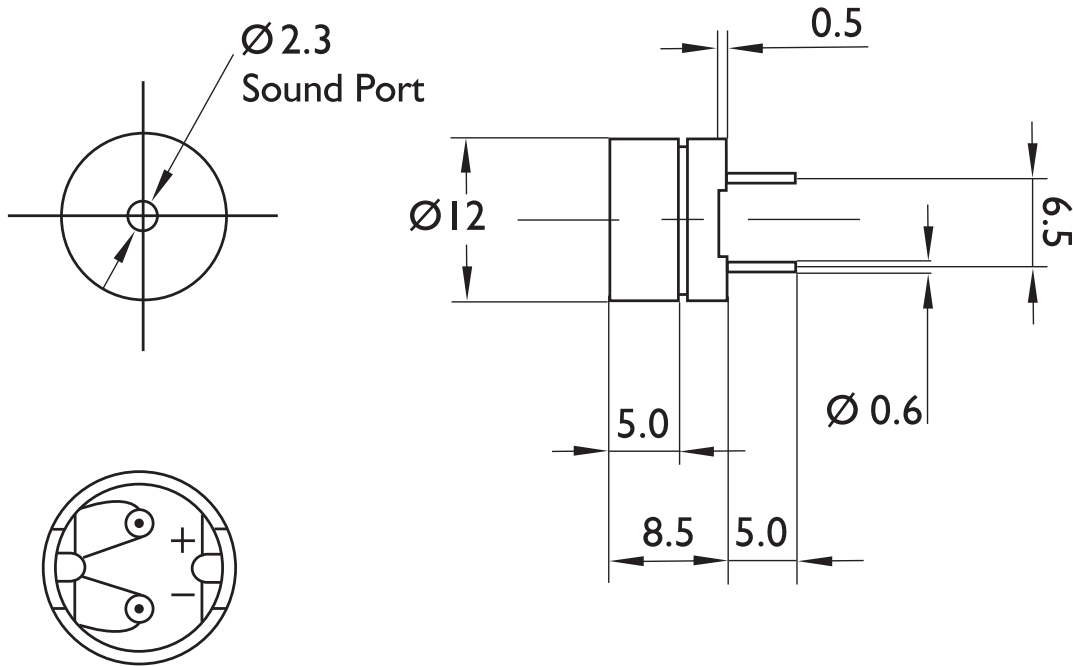
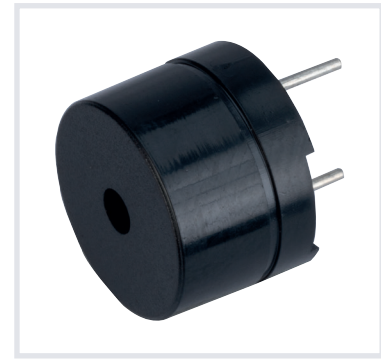
Terminal type	PCB pins 2x Ø 0.6
Terminal Pitch	6.5mm
Terminal Length	5.0mm

Requires additional electronic circuitry to operate as a sounder. Not wave solderable.
All data at 25°C unless otherwise specified.



DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Dimensions	ø12.0 x 8.5
Weight	2g



PART NUMBER TABLE

Part Number	Voltage	UNSPSC	EAN	Country of Origin
35-0375	1.5V	41112101	5053556002375	China

For further information on pricing, delivery, and long-term stock agreements please contact your local business development person, telephone our main office on **01206 838000** or email **Sales@Rapidonline.com**.

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