Electromechanical
Audio Transducer 12V

pro-SIGNAL

RoHS Compliant

ø16 ± 0.2

Masking Label

POTTING

7.6 ± 0.2

14 ± 0.2

7.0

2 -ø0.7 ± 0.05

0.5

1.5

VDC

+12V
0V
Vin

180Ω

Tr : 2SC1741AS or Equivalent
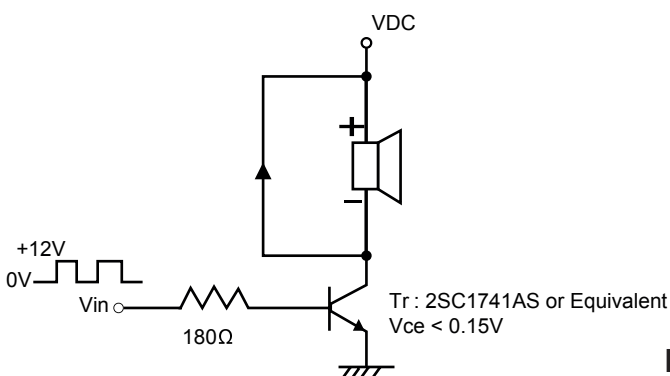Vce < 0.15V

Dimensions : Millimetres (Inches)
Tolerance : ± 0.5mm
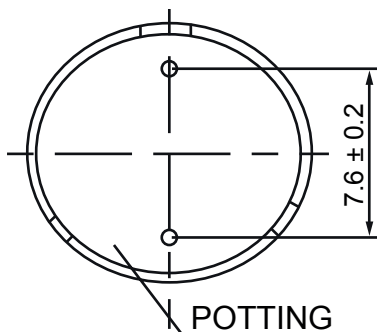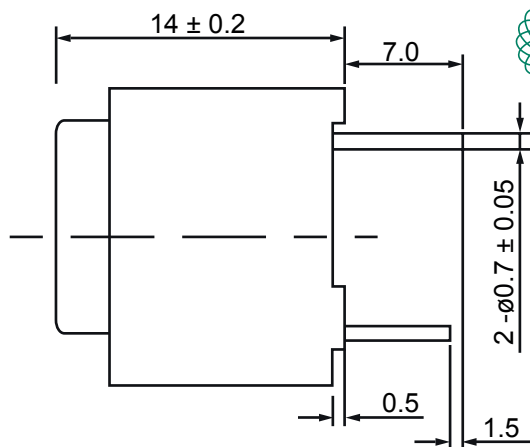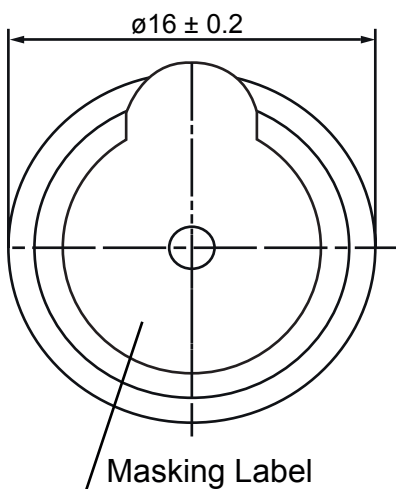
Specifications

Rated voltage	: 12V
Operating voltage	: 9V to 15V
Rated Current (Max)	: 40mA
Min. Sound output at 10cm*	: 85dB ± 3dB
Coil resistance	: 115 ± 12Ω
Rated Resonant Frequency	: 2048Hz
Housing Material	: Noryl
Operating temperature	: -30ºC to +70ºC
Storage temperature	: -40ºC to +85ºC
Weight	: 2g

Value Applying at Rated Voltage (resonant frequency, ½ duty, square wave).

Wave Solder and Wash Allowed

All data at 25ºC unless otherwise specified.

Part Number Table

Description	Part Number
Transducer, Electro Mech, Audio, 12V	ABT-453-RC

www.element14.com
www.farnell.com
www.newark.com
www.cpc.co.uk

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16/04/12   V1.0

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