

Speaker Sound Generator



DESCRIPTION

A low-cost, low-power sound generator that can produce a sound level of up to 83dB.

DISTINCTIVE FEATURES

- Compact design
- Impedance 8Ω
- Suitable for soldering directly to a circuit board

APPLICATIONS

This module is designed for fitting to a PCB and is ideal for use in toys and other small or portable applications.

Ø 30
mm

150
mW

8Ω

83dB



ELECTRICAL SPECIFICATION

Input nom.	0.15W
Input max.	0.30W
Rated Impedance	8Ω



GENERAL SPECIFICATION

Type	Speaker Sound Generator
Resonant Frequency	1.2kHz ± 0.2kHz
Frequency Range	700Hz to 50kHz
Sound Pressure Level min.	83dB @ 1.2kHz 1.1Vms Sine Wave/10cm



MATERIALS

Material	ABS
Colour	Black



ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	-20°C to +90°C
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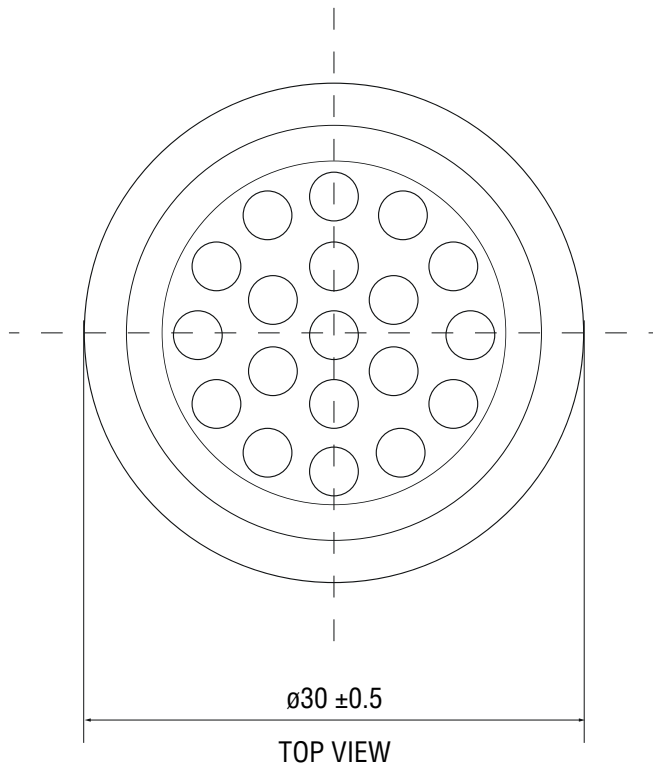
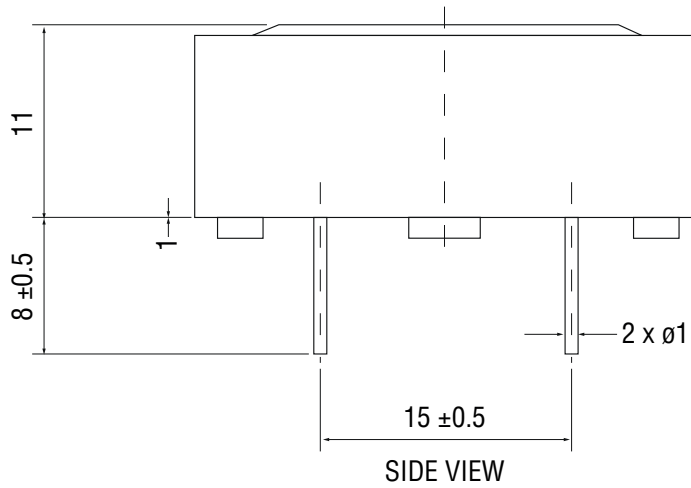
TERMINALS

Terminals	Solder pins
Terminal Pitch	15mm
Terminal Length	8mm

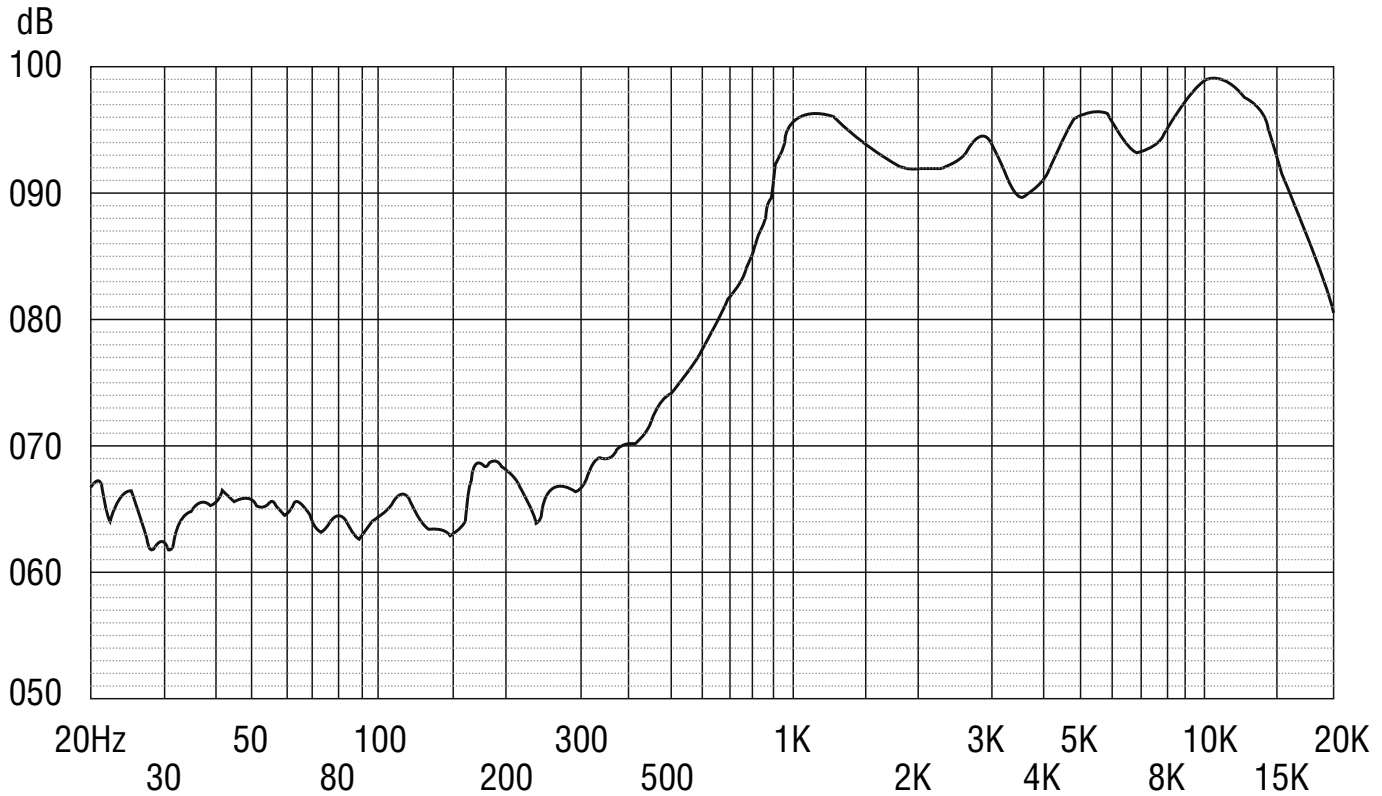


DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Dimensions	Ø30 x 11mm
Weight	12g



FREQUENCY RESPONSE (Actual curve of type)



Applied voltage: 12 vp-p. 1/2 duty, sine wave
Distance for measurement: 10cm



PART NUMBER TABLE

Part Number	EAN	UNSPSC	Country of Origin
35-0900	5053556002092	46171607	China

R-TECH

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