

Miniature Mylar Cone Speaker 0.1W 32Ω



DESCRIPTION

This miniature speaker features a Mylar cone and PCB pins and is encased for durability.

DISTINCTIVE FEATURES

- 0.2W Max. power handling capability
- Neodymium magnet
- Low profile
- Mylar cone

APPLICATIONS

Suitable for audio applications where a low profile is advantageous, e.g. entrance door intercomms, discrete speakers for fixed installation in rooms, cabinets, etc.

**Mylar
Cone**

**Ø
23mm**

32Ω

**Max.
0.2W**



ELECTRICAL SPECIFICATION

Rated Impedance	32Ω ±20% @ 3kHz 1V
Nominal Power	0.1W
Max. Power	0.2W



GENERAL SPECIFICATION

Series	Miniature Speakers
Type	Mylar cone, encased speaker
Resonant Frequency	1.8kHz ±20%/1V
Frequency Range	F 0 to 4kHz
Sound Pressure Level at 0.1W/0.1m	75dB ±3dB
Magnet	Ø12.5 x 1.5mm Nd-Fe-B
Voice Coil Diameter	Ø13.28mm
Total Harmonic Distortion	10% max. @ 1kHz, 1W
Weight	3g



MATERIALS

Magnet	Nd-Fe-B
Frame	SPCC
Cone	Mylar
Voice Coil	Copper
Plate	SPCC
PCB	FR4



ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +60°C



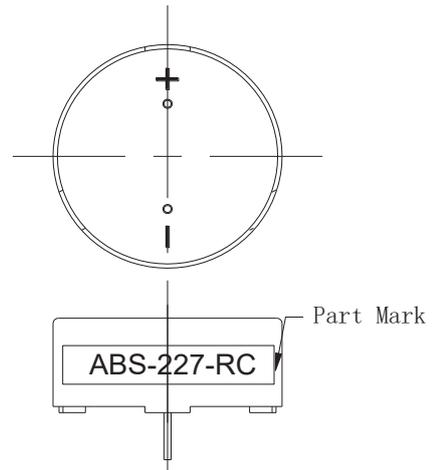
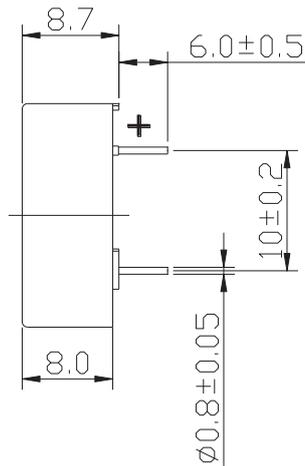
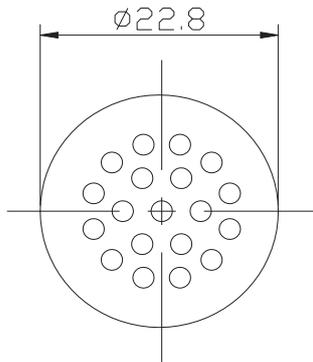
TERMINALS

Terminals	Solder pins
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DIMENSIONS/DRAWINGS

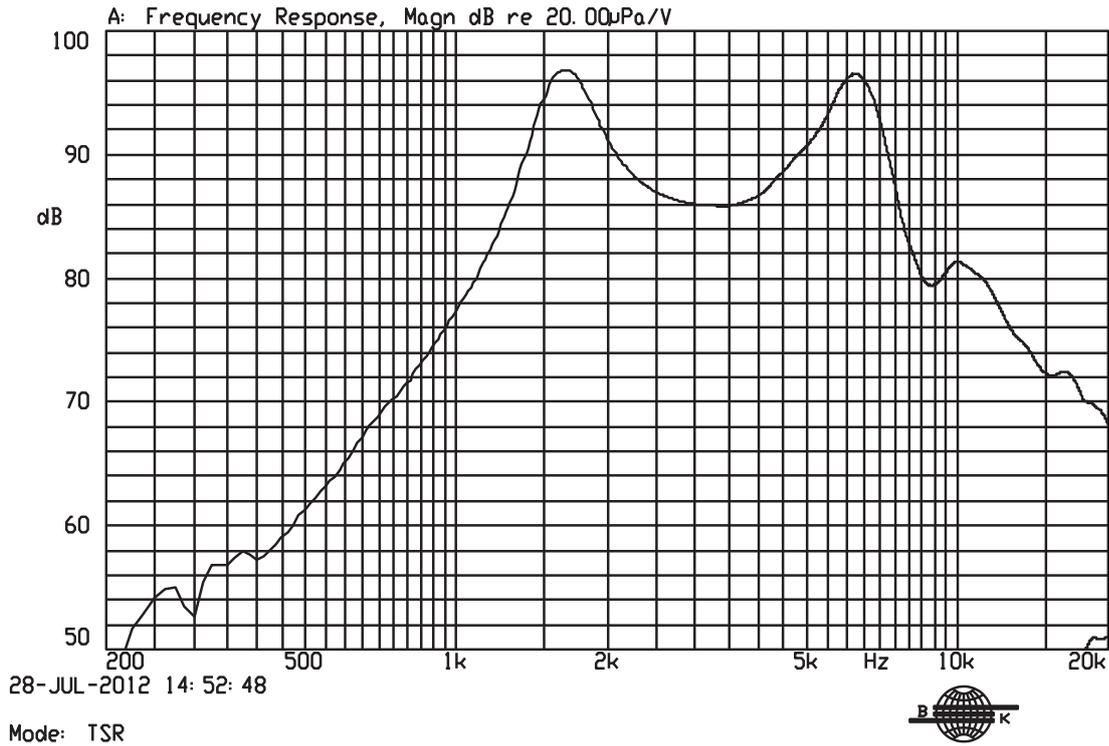
Dimensions	mm
Dimensions	Ø22.8 x 8.7mm
Magnet Size	Ø12.5 x 1.5mm Nd-Fe-B
Voice Coil Diameter	Ø13.28mm



Measurements are in mm unless stated otherwise.

Frequency Response Chart

X: 1.0186kHz Y: 78.12dB ZA: 1.0000 TSR fund.



PART NUMBER TABLE

Part Number	EAN	UNSPSC	Country of Origin
35-0073	5053556014996	52161512	China



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