

Miniature Mylar Cone Loudspeaker 0.25W 32Ω



DESCRIPTION

This miniature speaker features a Mylar cone and is epoxy sealed at the base.

DISTINCTIVE FEATURES

- 0.4W Max. power handling capability
- Low profile
- Neodymium magnet
- 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
45mm**

**Low
Profile**

32Ω

**Max.
0.4W**





ELECTRICAL SPECIFICATION

Rated Impedance	32Ω ±15% @ 1kHz 1V
Nominal Power	0.25W
Max. Power	0.4W



GENERAL SPECIFICATION

Series	Miniature Loudspeakers
Type	Mylar cone loudspeakers
Resonant Frequency	500Hz ±25Hz 1V
Frequency Range	F 0 to 6kHz 1V
Sound Pressure Level at 0.1W/0.1m	89dB ±3dB
Magnet	Ø12.5 x 1.5mm Nd-Fe-B
Voice Coil Diameter	Ø13.28mm
Total Harmonic Distortion	10% max. @ 1kHz 0.1W
Weight	12g



MATERIALS

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



ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	-20°C to +55°C
Storage Temperature	-20°C to +60°C



TERMINALS

Terminals	Solder tags
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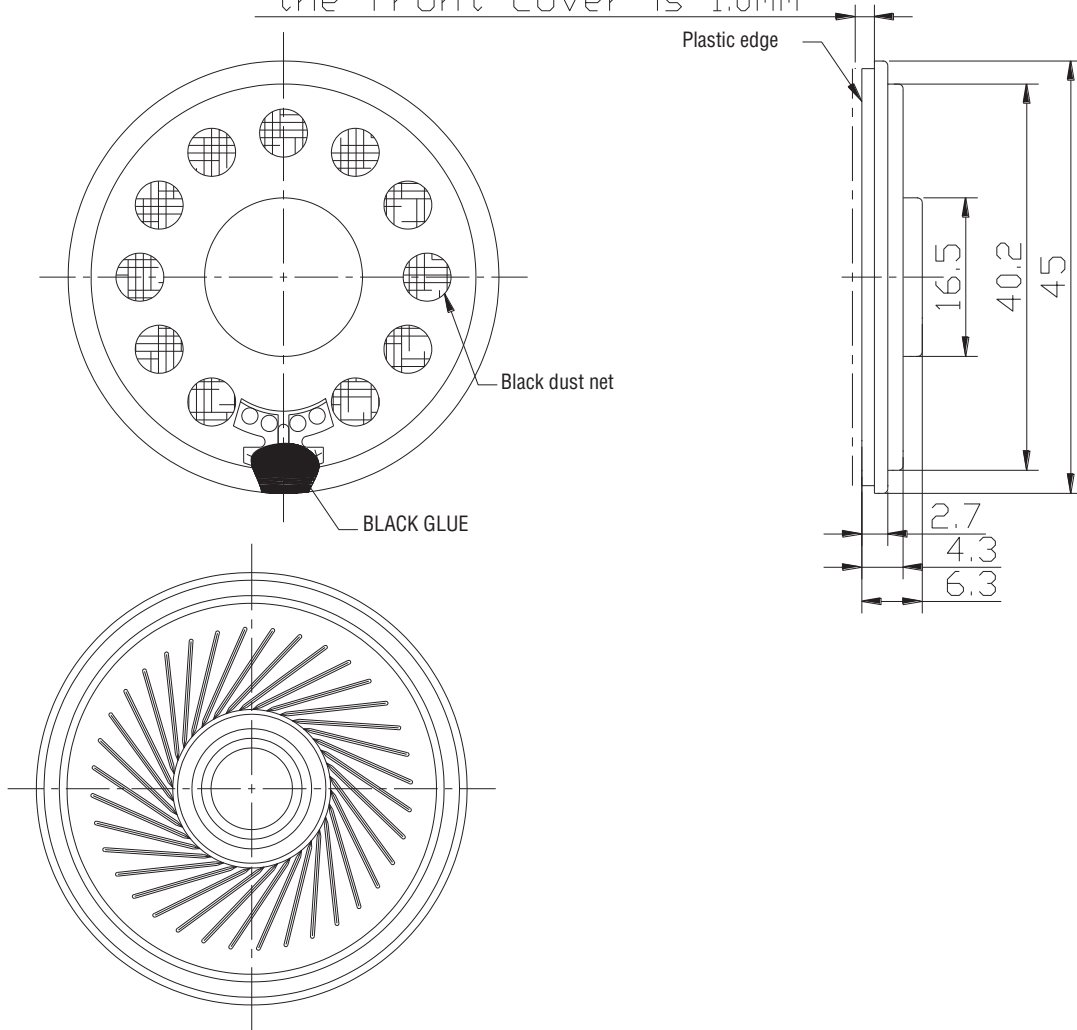


DIMENSIONS/DRAWINGS

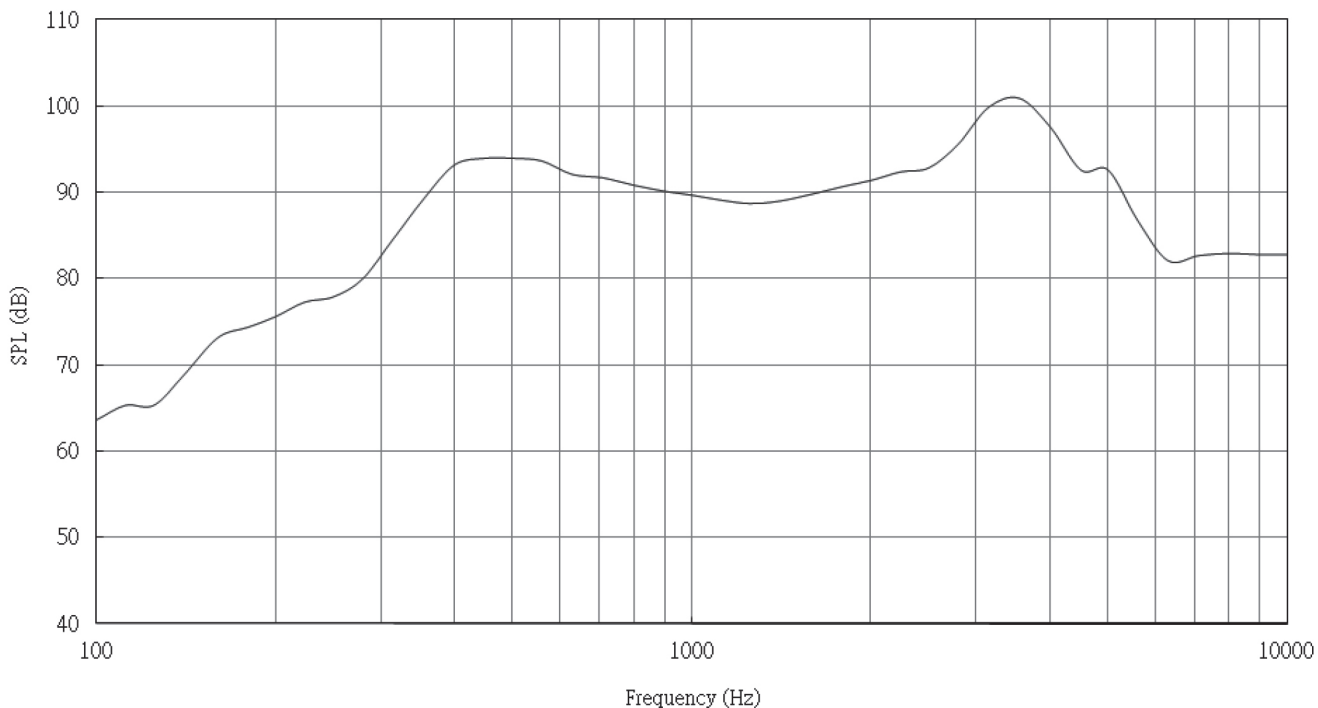
Dimensions	mm
Dimensions	Ø45 x 6.3mm
Magnet Size	Ø12.5 x 1.5mm Nd-Fe-B
Voice Coil Diameter	Ø13.28mm



The maximum distance of the diaphragm beyond the front cover is 1.0mm



Frequency Response Chart



PART NUMBER TABLE

Part Number	EAN	UNSPSC	Country of Origin
35-0205	5053556001170	52161512	China



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