

SPECIFICATIONS SHEET

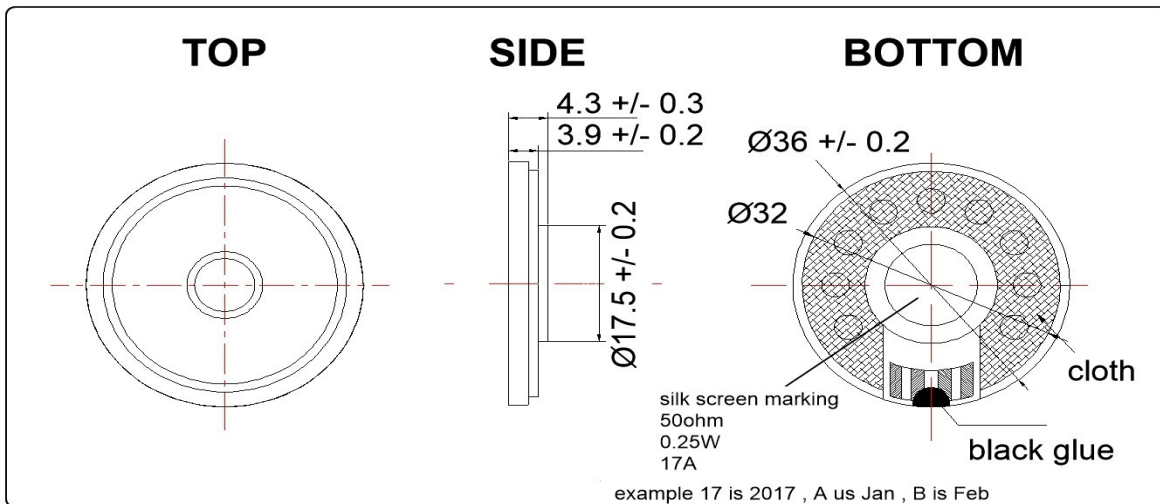
MYLAR SPEAKER
P/N: S36-P14124

1. SPECIFICATIONS

PARAMETERS	VALUES	UNITS
*SOUND PRESSURE LEVEL	90 ± 3	dBA
RESONANCE FREQUENCY (Fo)	600 ± 20%	Hz
FREQUENCY RANGE	Fo – 6,000	Hz
RATED IMPEDANCE (At 1KHZ, 1V)	50 ± 15%	Ohm
RATED POWER	0.25	W
MAX POWER	0.50	W
DISTORTION	5% , input 1KHz	
MAGNET	Ø12.5 X 1.5 , NdFeB	mm
OPERATING TEMPERATURE	-30 to +70	°C
STORAGE TEMPERATURE	-40 to +85	°C
HOUSING	PLASTIC	-
DIAPHRAGM MATERIAL	PET	-

*Tested at 0.1m 0.1W, average 0.8k , 1.0k , 1.2k , 1.5kHz

2. DIMENSIONS (unit in mm)

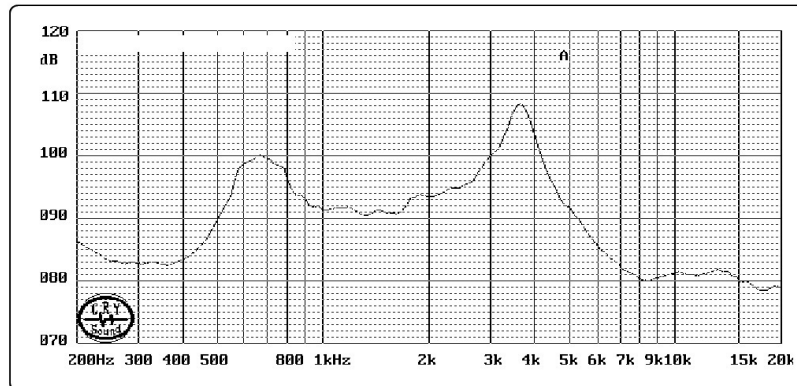


VERSION: 02 Tolerance: ±0.5mm except specified

DATE: 24-Feb-17

All specifications subject to change without notice

3. FREQUENCY RESPONSE CURVE



4. RELIABILITY TEST

Testing Criteria

All specifications (in page 2) must be satisfied after below tests.

(Recovery: 2 to 4 hrs of recovery under the standard condition after the removal from test chamber.)

1) Load Test

Input power: 0.3W, white noise 96 hours

2) Temperature Test

a) Exposure at +85°C for 96 hours then leave 3 hours in normal temperature and test the Specifications.

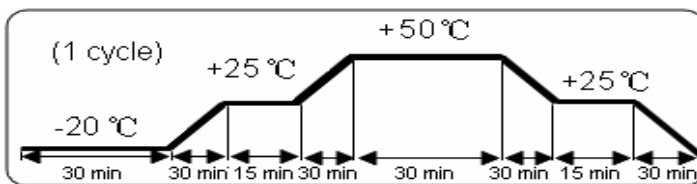
b) Exposure at -30°C for 96 hours then leave 3 hours in normal temperature and test the Specifications.

3) Humidity Test

Exposure at +40°C and 90%-95% relative humidity for 96 hours and leave 3 hours in normal temperature.

Then test the Specifications.

4) Temperature Cycle Test



Exposure to above temperature cycle for 5 times and room temperature for 2 hours.

5) Drop Test

Drop the speakers from a height of 1.5m for 6 times .

6) Vibration Test

Frequency: 10~55~10Hz Oct/min ,Amplitude: 1.5mm Duration: 2 hours in each 3 axes

VERSION: 02

DATE: 24-Feb-17

All specifications subject to change without notice

Copyright © 2017 Sound Components Limited