

## 1. SPECIFICATION

AKR-878704100-MMW1W

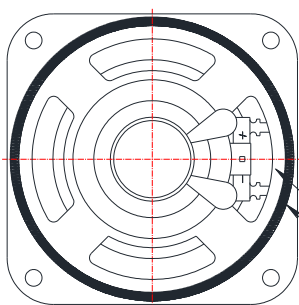
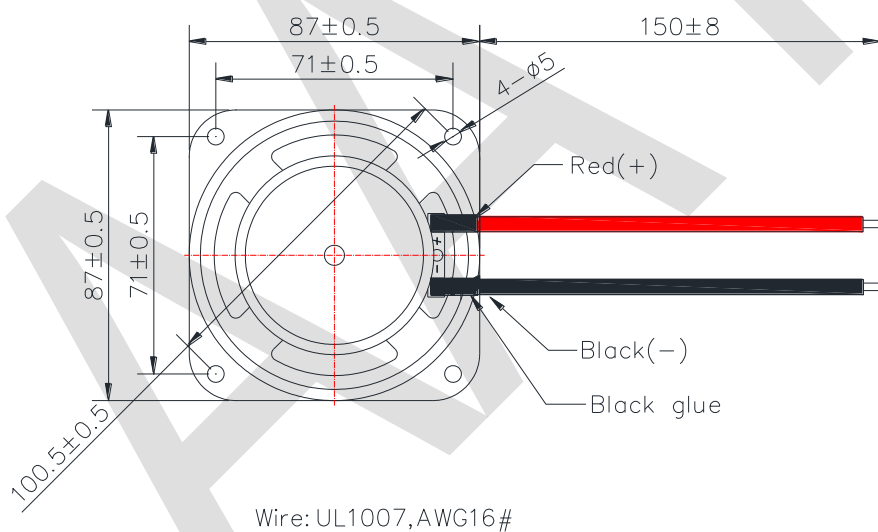
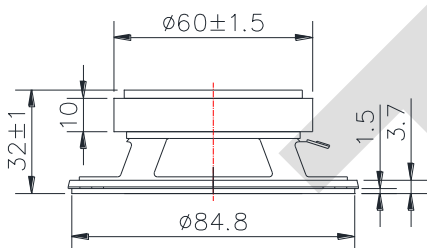
ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 87 x 87 mm	
03	Rated Input Power	10 W	
04	Max. Input Power	15 W    for 1 minute	
05	Impedance	4 Ω ± 15%	
06	Resonance Frequency (Fo)	380 Hz ± 20% at Fo, 1V	
07	Sound pressure level	96 dB(0.1W/0.1M) ± 3 dB	at AVG 0.8, 1.0, 1.2, 1.5 KHz.
		120 dB(10W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 7 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1 W.	
10	Magnet	Rare earth permanent ( Ferrite )	
11	Weight	245g ± 10g	
12	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
13	Operation Test	Must be normal at program source 10W	
14	Buzz, Rattle, etc.	Should not be audible at 6.32V sine wave between Fo to 2KHz	
15	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
16	Terminal Strength	Capable of withstand 1kg load for 15 seconds without resulting in any damage or rejection.	
17	Temperature	Operating temperature: -40℃    to +105℃ Storage    temperature: -40℃    to +105℃	
18	Waterproof	IP67(For diaphragm protection only)	

REV NO.

REVISION NOTE

APPROVAL

DATE

Diaphragm: PEI  
Gasket: Rubber

RoHS

TITLE: DYNAMIC SPEAKER

DRAWN: Hank 2023/07/19

SCALE: 1:1 SHEET: 1 : 1

PART NO. AKR-878704100-MMW1W

DESIGNED: R &amp; D OF AAT

UNITS: mm

CHECKED:

TOLERANCE  $\pm 0.5$ 

DWG NO.

APPROVAL:

FIRST ANGLE PROJECTION

REV

MATERIAL: SPCC



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION