

## 1. SPECIFICATION

AK-343408FF-2

ITEM		SPECIFICATIONS	
01	Type	Dynamic Speaker	
02	Dimension	External diameter 34 x 34 mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	3.0 W for 1 minute	
05	Impedance	8Ω± 15% at 2KHz 1V	
06	Resonance Frequency (Fo)	300 Hz ± 20% at Fo, 1V	
07	Sound pressure level	78 dB(1.0W/0.5M) ± 3 dB	at AVE 1.0KHz.
		93 dB(1.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.5V.	
10	Voice Coil	Diameter 19 mm	
11	Magnet	Rare earth permanent ( NdFeB ) magnet Φ18 x 3 mm	
12	Weight	30g ± 1.0g	
13	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
14	Operation Test	Must be normal at program source 1.0W	
15	Buzz, Rattle, etc.	Should not be audible at 2.83V sine wave between Fo to 20KHz	
16	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
17	Terminal Strength	Capable of withstand 1kg load for 15 seconds without resulting in any damage or rejection.	
18	Temperature	Operating temperature: -20℃ to +60℃	
		Storage temperature: -25℃ to +70℃	

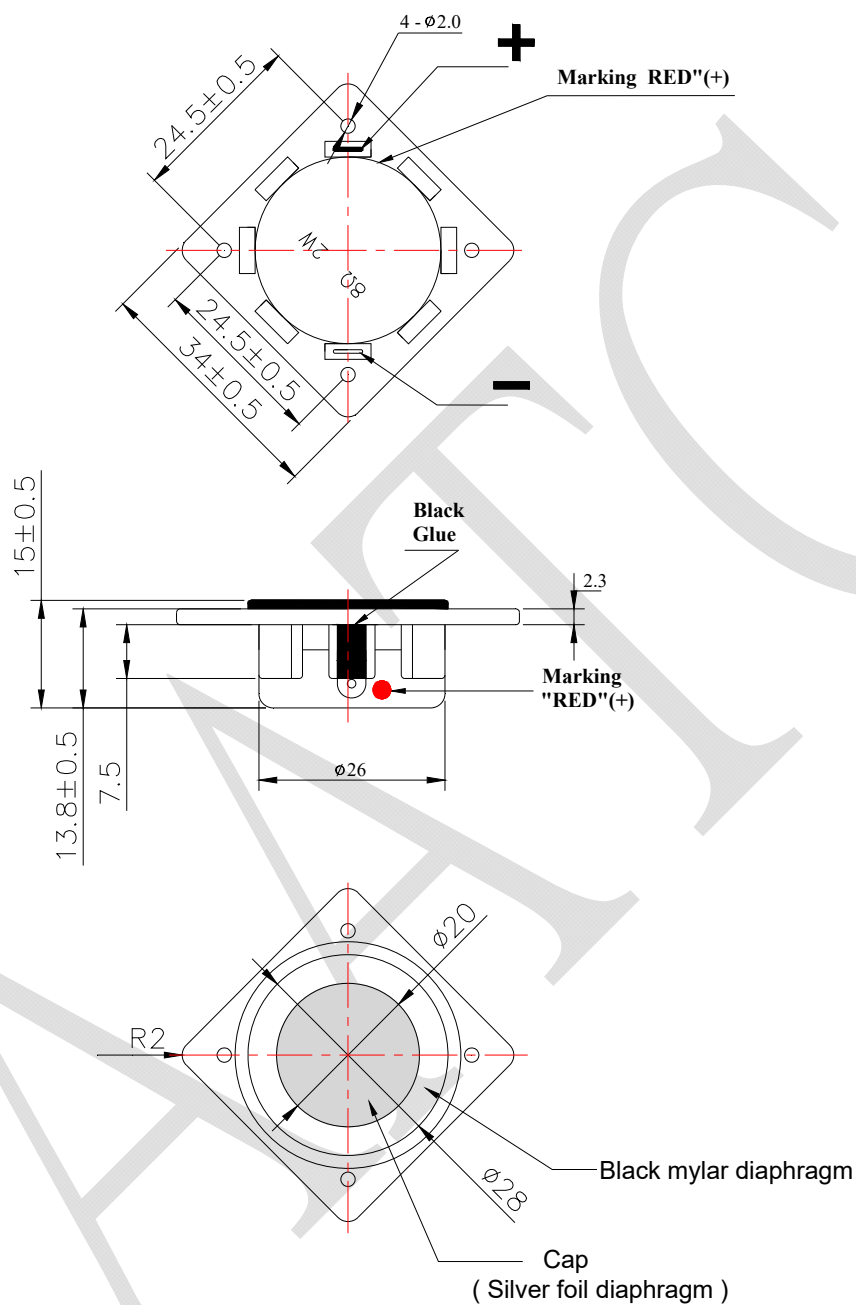
RoHS

REV NO.

REVISION NOTE

APPROVAL

DATE



RoHS

TITLE: DYNAMIC SPEAKER

DRAWN: Jerry 2014/05/07

SCALE: 1:1 SHEET: 1 : 1

PART NO. AK-343408FF-2

DESIGNED: R &amp; D OF AAT

UNITS: mm

DWG NO. YD34-1A-8N18PU-EC

CHECKED:

TOLERANCE ± 0.5

APPROVAL:

UNLESS OTHERWISE SPECIFIED:

MATERIAL: \*\*\*\*\*

ONE PLACE DECIMAL ± \*\*\*

TWO PLACE DECIMAL ± \*\*\*

THREE PLACE DECIMAL ± \*\*\*



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

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