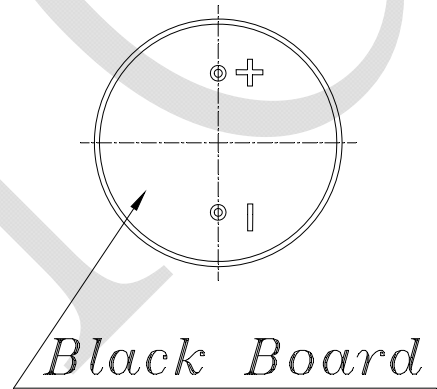
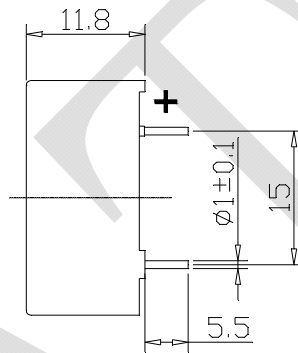
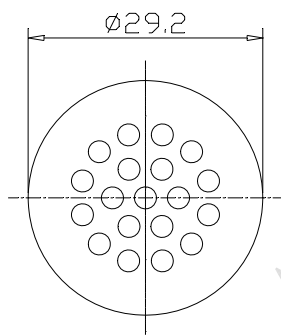


## 1. SPECIFICATION

AK-3008BA-0PB

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 29.2 mm	
03	Rated Input Power	0.15 W	
04	Max. Input Power	0.2 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 2 KHz 1V	
06	Resonance Frequency (Fo)	1300 Hz $\pm 20\%$ at Fo, 1V	
07	Sensitivity (S.P.L.)	80 dB(0.15W/0.1M) $\pm 3$ dB	at AVE 1.5, 2.0, 2.5, 3.0 KHz.
08	Frequency Range	Fo – 5K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.5V.	
10	Voice Coil	Diameter 13.5 mm	
11	Magnet	Rare earth permanent ( NdFeB ) magnet $\Phi 12.5$ mm	
12	Weight	10 g $\pm 0.5$ g	
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 0.15 W	
15	Buzz, Rattle, etc.	Should not be audible at 1.1 V 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°C to +60°C Storage temperature: -30°C to +70°C	

REV NO.	REVISION NOTE	APPROVAL	DATE
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RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Sunny 2018-9-10	SCALE: 2:1	SHEET: 1:1
PART NO. AK-3008BA-0PB	3	DESIGNED: R&D OF AAT	UNITS: mm	
DWG NO. HS-110628		CHECKED:	TOLERANCE ± 0.5	
		APPROVAL:	UNLESS OTHERWISE SPECIFIED:	
	REV	MATERIAL: ABS	ONE PLACE DECIMAL ± ***	
			TWO PLACE DECIMAL ± ***	
			THREE PLACE DECIMAL ± ***	



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

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