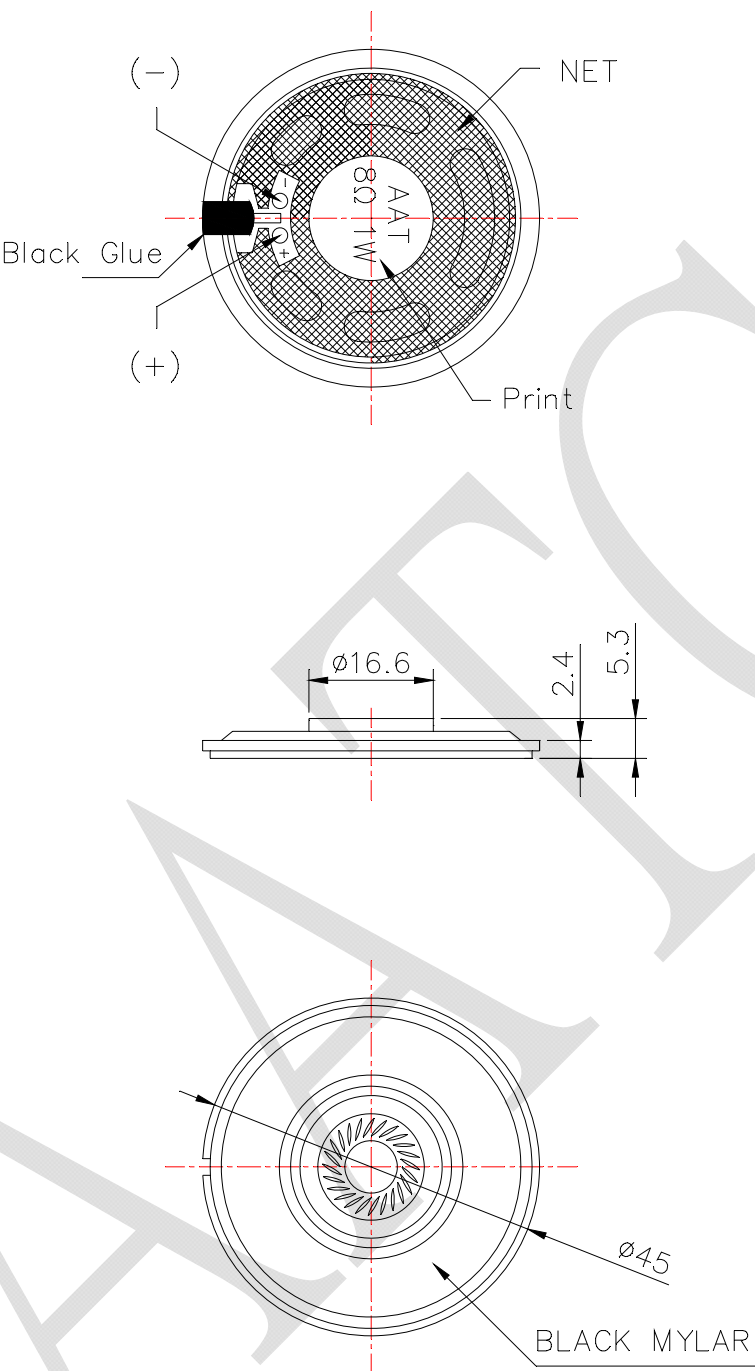


1. SPECIFICATION

AK-4508BB-2-LF

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 45 mm	
03	Rated Input Power	1.0 W	
04	Max. Input Power	2.0 W for 1 minute	
05	Impedance	8Ω± 15% at 2 KHz 1V	
06	Resonance Frequency (Fo)	500 Hz ± 20% at Fo, 1V	
07	Sound pressure level	92 dB(0.1W/0.1M) ± 3 dB	at AVE 0.8, 1.0, 1.2, 1.5 KHz.
		100 dB(1.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 6 K 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 Φ12.5 x 1.5 mm	
12	Weight	10.2 g ± 2 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 1.0 W	
15	Buzz, Rattle, etc.	Should not be audible at 2.83 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℃ to +60℃	
		Storage temperature: -30℃ to +70℃	

REV NO.	REVISION NOTE	APPROVAL	DATE
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RoHS

TITLE: DYNAMIC SPEAKER		3	DRAWN: Sunny	2016-6-27	SCALE: 2:1	SHEET: 1:1
PART NO. AK-4508BB-2-LF	REV		DESIGNED: R&D OF AAT		UNITS: mm	
			CHECKED:		TOLERANCE ± 0.5	
			APPROVAL:		UNLESS OTHERWISE SPECIFIED:	
DWG NO. ****_*****			MATERIAL: SPCC		ONE PLACE DECIMAL ± ***	
				TWO PLACE DECIMAL ± ***		
				THREE PLACE DECIMAL ± ***		



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC.

AATC