

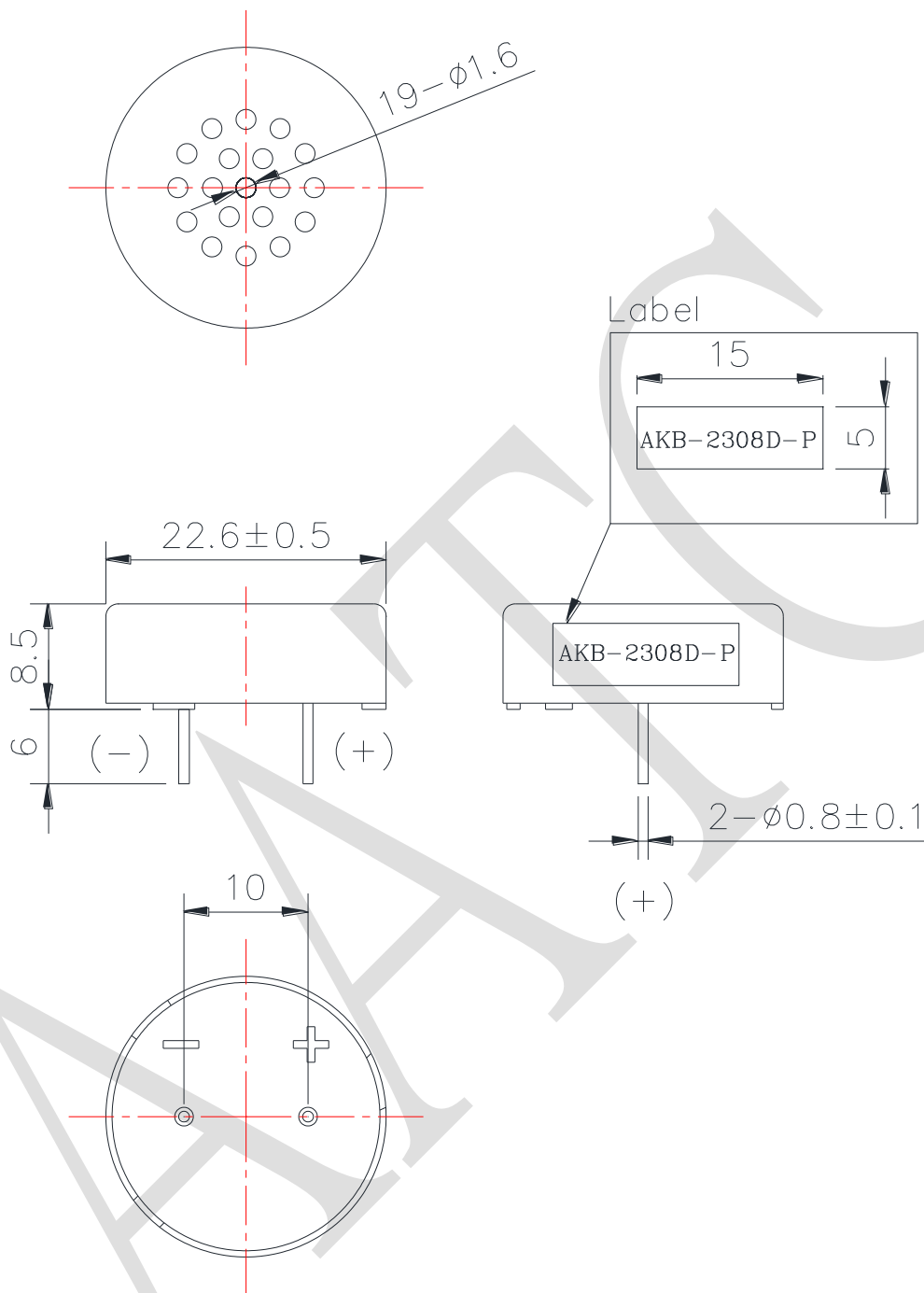
1. SPECIFICATION

AKB-2308D-P

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 22.6 mm	
03	Rated Input Power	0.1 W	
04	Max. Input Power	0.2 W for 1 minute	
05	Impedance	8Ω ± 15% at 1KHz 1V	
06	Resonance Frequency (Fo)	1600 Hz ± 20% at Fo, 1V	
07	Sound pressure level	87dB(0.2W/0.1M) ± 3 dB	at AVE 2.0,2.2, 2.5, 2.8 KHz.
		84 dB(0.1W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 4 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 0.89V.	
10	Voice Coil	Diameter 7.3 mm	
11	Magnet	Rare earth permanent (NdFeB) magnet Φ6.5 x 1.5mm	
12	Weight	3 g ± 1g	
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 0.1W	
15	Buzz, Rattle, etc.	Should not be audible at 0.89 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℃	

RoHS

REV NO.	REVISION NOTE	APPROVAL	DATE
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RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Jerry	2013/07/22	SCALE: 2:1	SHEET: 1:1
PART NO. AKB-2308D-P	1	DESIGNED: R&D OF AAT	UNITS: mm		
DWG NO.		CHECKED:	TOLERANCE ± 0.5		
		APPROVAL:	UNLESS OTHERWISE SPECIFIED		
	REV	MATERIAL: NORYL	ONE PLACE DECIMAL \pm ***		
			TWO PLACE DECIMAL \pm ***		
			THREE PLACE DECIMAL \pm ***		



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