

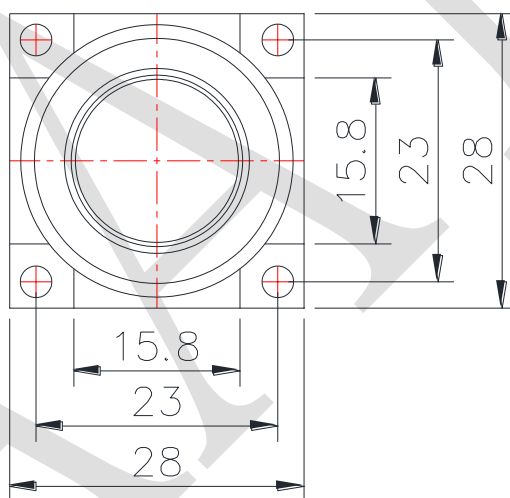
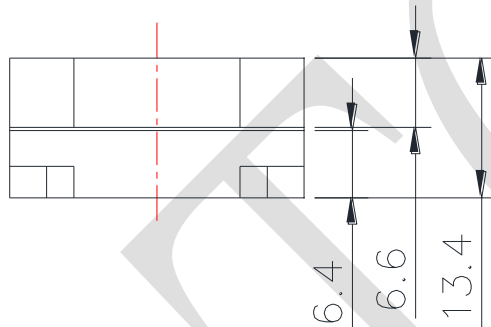
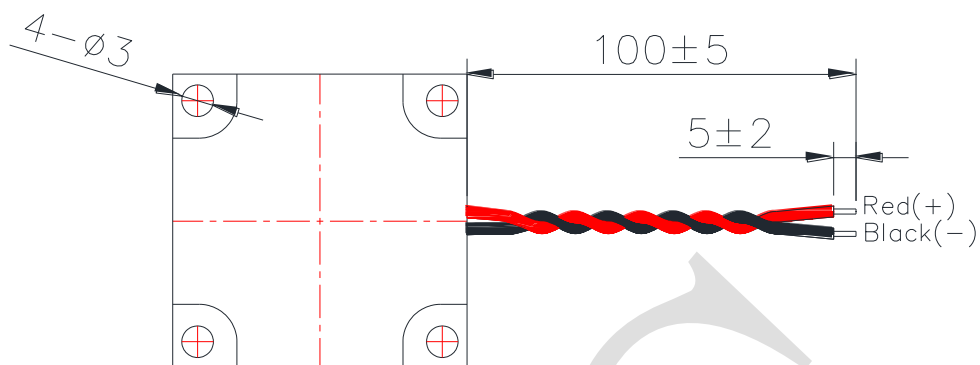
1. SPECIFICATION

AKB-282808E-1W

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 28X28 mm	
03	Rated Input Power	3.0 W	
04	Max. Input Power	4.0 W for 1 minute	
05	Impedance	8Ω ± 15% at 1.0KHz 1V	
06	Resonance Frequency (Fo)	800 Hz ± 20% at Fo, 1V	
07	Sound pressure level	88 dB(0.1W/0.1M) ± 3 dB	at AVE 0.8K 1.0K 1.2K 1.5KHz.
		99 dB (3.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 6 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 4.89V.	
10	Voice Coil	Diameter 15.2 mm	
11	Magnet	Rare earth permanent (NdFeB) magnetΦ14.6 x 3.0 mm	
12	Weight	16g±5g	
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 3.0W	
15	Buzz, Rattle, etc.	Should not be audible at 4.89V sine wave between Fo to 18KHz	
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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Wire: UL 1571 28#AWG

RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Sunny	2013/9/11	SCALE: 2:1	SHEET: 1:1
PART NO. AKB-282808B-1W	1	DESIGNED: R&D OF AAT		UNITS: mm	
DWG NO. CXS2828134L100-R08W3.0-A		CHECKED:		TOLERANCE ± 0.5	
		APPROVAL:		UNLESS OTHERWISE SPECIFIED:	
	REV	MATERIAL: ABS		ONE PLACE DECIMAL ± ***	
				TWO PLACE DECIMAL ± ***	
				THREE PLACE DECIMAL ± ***	



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