

1. SPECIFICATION

AK-2308EB-8C

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 23 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)	820 Hz ± 20% at Fo, 1V	
07	Sound pressure level	88 dB(0.1W/0.1M) ± 3 dB	at AVG 1.0, 1.2, 1.6, 2.0 KHz.
		97 dB(1.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 5 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent (NdFeB) magnet Φ**** mm	
11	Weight	8.5 g ± 0.5 g	
12	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
13	Operation Test	Must be normal at program source 1.0 W	
14	Buzz, Rattle, etc.	Should not be audible at 2.83 V sine wave between Fo to 2KHz	
15	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
16	Terminal Strength	Capable of withstand 1kg load for 15 seconds without resulting in any damage or rejection.	
17	Temperature	Operating temperature: -40℃ to +85℃	
		Storage temperature: -40℃ to +85℃	

3. DIMENSIONS

