

1. SPECIFICATION

AK-130805-MM-1

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 13 mm	
03	Rated Input Power	0.5 W	
04	Max. Input Power	0.8 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 2KHz, 1V	
06	Resonance Frequency (Fo)	1300 Hz $\pm$ 20% at Fo, 1V	
07	Sound pressure level	87 dB (0.5W/0.1M) $\pm$ 3 dB	at AVG 1.5, 1.8, 2.0, 2.2 KHz.
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 0.1W	
10	Magnet	Rare earth permanent (NdFeB) magnet $\Phi 6.95 \times 1$ mm	
11	Weight	1.0g $\pm$ 0.3g	
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 0.5W	
14	Buzz, Rattle, etc.	Should not be audible at 2.0V sine wave between Fo to 20KHz	
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: -20°C to +50°C Storage temperature: -30°C to +60°C	

3. DIMENSIONS

