

1. SPECIFICATION

AK-500805-MP1C2

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 50 mm	
03	Rated Input Power	0.5W	
04	Max. Input Power	1.0 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$	
06	Resonance Frequency (Fo)	590 Hz $\pm$ 20% at Fo, 1V	
07	Sound pressure level	$101\text{dB}(0.5\text{W}/0.1\text{M}) \pm 3\text{ dB}$	at AVE0.8, 1.0, 1.2, 1.5 KHz.
08	Frequency Range	Fo – 4.5 K Hz	
09	Total Harmonics Distortion	Max 5% at 1 KHz,0.1W.	
10	Magnet	Rare earth permanent (NdFeB) magnet $\Phi 12.5 \times 2.0$ mm	
11	Weight	15.4g $\pm$ 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 source0.5W	
14	Buzz, Rattle, etc.	Should not be audible at2.0V 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: -20°C to +60°C Storage temperature: -30°C to +70°C	

3. DIMENSIONS

