

1. SPECIFICATION

AK-360810-MM5W

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 36 mm	
03	Rated Input Power	1.0 W	
04	Max. Input Power	1.5 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 2KHz 1V	
06	Resonance Frequency (Fo)	530 Hz $\pm 20\%$ at Fo, 1V	
07	Sound pressure level	101dB(1.0W/0.1M) ± 3 dB	at AVG 0.8, 1.0, 1.2, 1.6 KHz.
08	Frequency Range	Fo – 6 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent (NdFeB) magnet $\Phi 12 \times 1.5$ mm	
11	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
12	Operation Test	Must be normal at program source 1.0 W	
13	Buzz, Rattle, etc.	Should not be audible at 2.83 V sine wave between Fo to 2KHz	
14	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
15	Terminal Strength	Capable of withstand 1kg load for 15 seconds without resulting in any damage or rejection.	
16	Temperature	Operating temperature: -20°C to $+60^{\circ}\text{C}$ Storage temperature: -30°C to $+70^{\circ}\text{C}$	

3. DIMENSIONS

