

1. SPECIFICATION

AK-500820-MMW1C1

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 50 mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	3.0 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 1 KHz 1V	
06	Resonance Frequency (Fo)	550 Hz \pm 20% at Fo, 1V	
07	Sound pressure level	104 dB(2.0W/0.1M) \pm 3 dB	at AVG 0.6, 0.8, 1.0, 1.2 KHz.
08	Frequency Range	Fo – 4.0 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent (NdFeB) magnet Φ 12.5 x 1.5 mm	
11	Weight	16.3 g \pm 2 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 2.0 W	
14	Buzz, Rattle, etc.	Should not be audible at 4.0 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°C to +85°C Storage temperature: -40°C to +85°C	
18	Waterproof	IP67(For diaphragm protection only)	

3. DIMENSIONS

