

1. SPECIFICATION

AKR-1511F0810-PMW1CV

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 15 x 11 mm	
03	Rated Input Power	1.0 W in 1cc box	
04	Max. Input Power	1.2 W in 1cc box for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 1V in 1cc box	
06	Resonance Frequency (Fo)	550 Hz $\pm 20\%$ at Fo, 1V in free air	
07	Sound pressure level	92 dB(1.0W/0.1M) ± 3 dB	in 1cc box at 2.0 KHz.
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent (N42) magnet	
11	Weight	1.3g ± 0.1 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 1.0W	
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: -25°C to +60°C Storage temperature: -25°C to +60°C	
18	Waterproof	IPX7(For diaphragm protection only)	

2. DIMENSIONS

