

1. SPECIFICATION

AKR-40203205-PPC1W1

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 40 x 20 mm	
03	Rated Input Power	0.5 W	
04	Max. Input Power	1.0 W for 1 minute	
05	Impedance	$32\Omega \pm 15\%$ at 1 KHz 1V	
06	Resonance Frequency (Fo)	650 Hz $\pm 20\%$ at Fo, 1V	
07	Sound pressure level	98 dB (0.5W/0.1M) ± 3 dB	at AVG 0.8 , 1.0, 1.2, 1.5 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)	
11	Weight	7.3 g ± 0.3 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 0.5 W	
14	Buzz, Rattle, etc.	Should not be audible at 4 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: -20°C to +60°C Storage temperature: -30°C to +70°C	

3. DIMENSIONS

