

## 1. SPECIFICATION

AKB2-28280420-PMF1C

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 28 x 28 mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	3.0 W for 1 minute	
05	Impedance	4 Ω ± 15% at 1KHz 1V	
06	Resonance Frequency (Fo)	800 Hz ± 20% at Fo, 1V	
07	Sound pressure level	82 dB(0.1W/0.1M) ± 3 dB	at AVE 0.8K, 1.0K, 1.2K, 1.5 KHz.
		95 dB(2.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 6 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 2V.	
10	Magnet	Rare earth permanent ( NdFeB ) magnet Φ14.7 x 2.0 mm	
11	Weight	32g ± 10g	
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 source2.0W	
14	Buzz, Rattle, etc.	Should not be audible at 2.83V sine wave between Fo to 20KHz	
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℃ to +60℃	
		Storage temperature: -30℃ to +70℃	

3. DIMENSIONS

