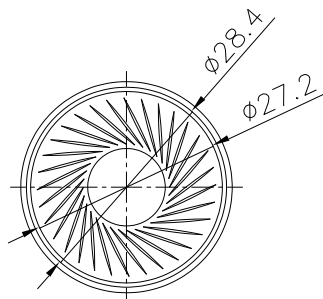
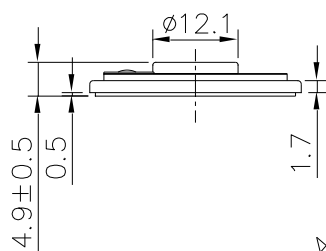
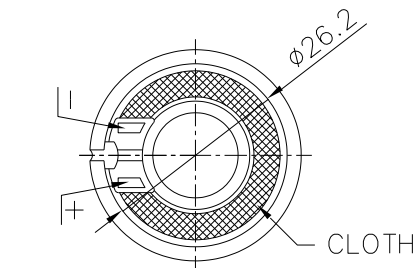


ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 30 mm	
03	Rated Input Power	0.25 W	
04	Max. Input Power	0.5 W    for 1 Minute.	
05	Impedance	8 ohm ± 15% at 1K Hz	
06	Resonance Frequency (Fo)	350 Hz ± 20% at Fo, 1V	
07	Sensitivity (S.P.L.)	85 dB(0.1W/0.1m) ± 3 dB	at AVE 0.8K,1.0K,1.2K,1.6K Hz.
		91 dB(0.25W/0.1m) ± 3 dB	
08	Frequency Range	Fo – 20K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz,0.25W.	
10	Voice Coil	Diameter 10.5 mm	
11	Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø9.5 x 1.5mm	
12	Weight	6g ± 2g	
13	Appearance	Should not exist any obstacle to be harmful to normal operation, damages, cracks, rusts and distortions, etc.	
14	Operation Test	Must be normal at program source 0.25W	
15	Buzz, Rattle, etc.	Should not be audible at 1.41V sine Wave between Fo to 20KHz	
16	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
17	Terminal Strength	Capable of withstand 1kg load for 30 seconds without resulting in any damage or rejection.	
18	Temperature	Operating temperature: -20℃ to +60℃ Storage    temperature: -30℃ to +70℃	

## 1. SPECIFICATION

AK-3008AB-12 (RoHS)

REV NO.	REVISION NOTE	APPROVAL	DATE
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CASE : Fe alloy .  
 DIAPHRAGM : BLACK MYLAR .

TITLE: DYNAMIC SPEAKER		DRAWN: JOHN	08/23/2007	SCALE: 1:1	SHEET: 1 of 1
PART NO. AK-3008AB-12	1	DESIGNED: R&D OF AAT		UNITS: mm	
		CHECKED:		TOLERANCE ± 0.2	
DWG NO. DTS-1409	REV	APPROVAL:		UNLESS OTHERWISE SPECIFIED:	
		MATERIAL: *****		ONE PLACE DECIMAL ± ***	
				TWO PLACE DECIMAL ± ***	
				THREE PLACE DECIMAL ± ***	



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