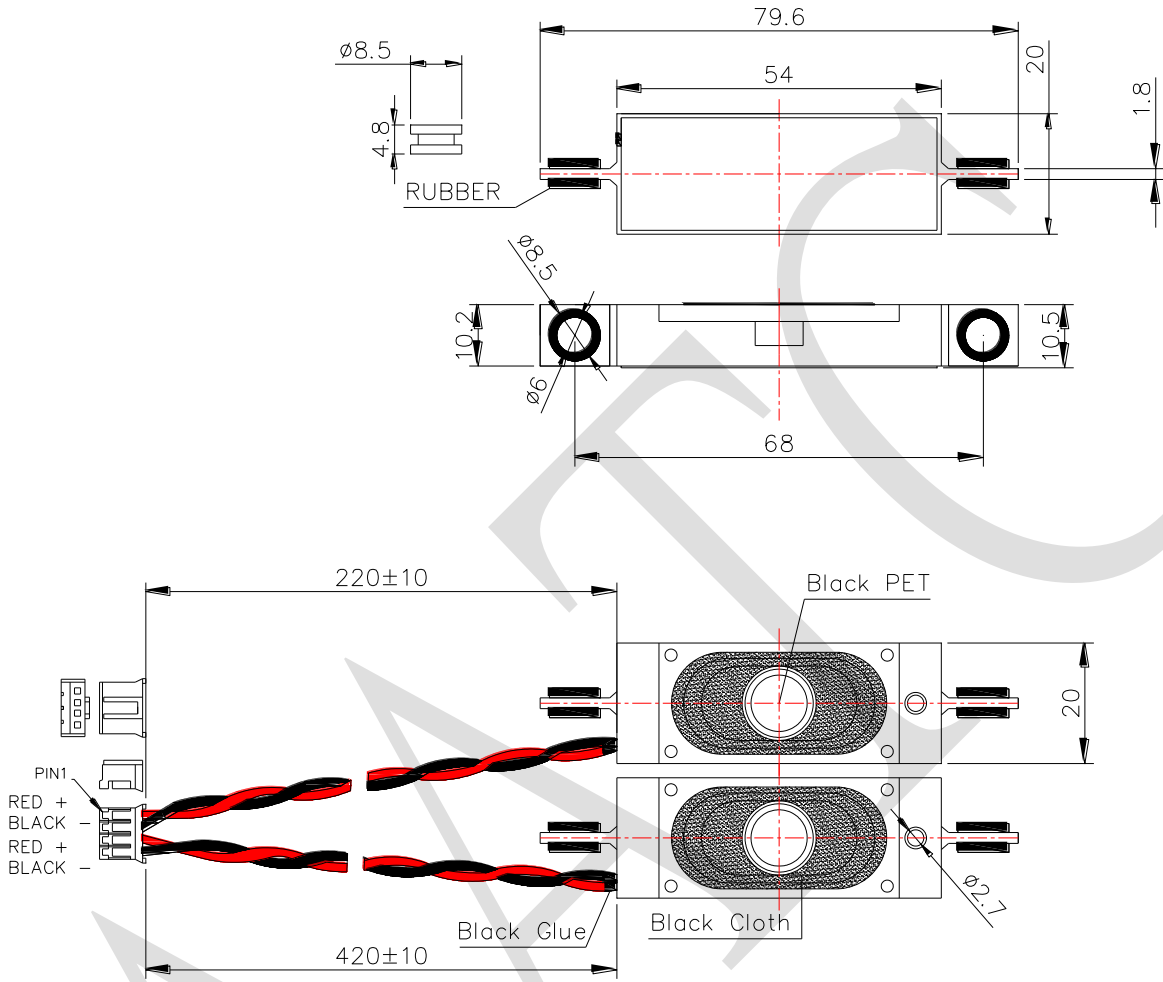


1. SPECIFICATION

AKB-542008CC-1C-LF

ITEM		SPECIFICATIONS	
01	Type	Dynamic Speaker + Sound Box	
02	Dimension	External diameter 54 x 20 x 10 mm	
03	Rated Input Power	1.0 W	
04	Max. Input Power	2.0 W for 1 minute	
05	Impedance	8 Ω \pm 15% at 2 KHz 1V	
06	Resonance Frequency (Fo)	900 Hz \pm 20% at Fo, 1V	
07	Sound pressure level	84 dB(0.1W/1.0M) \pm 3 dB	at AVE 1.0, 1.5, 2.0, 2.5 KHz.
		93 dB(1.0W/0.1M) \pm 3 dB	
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.5V.	
10	Voice Coil	Diameter 11.75 mm	
11	Magnet	Rare earth permanent (NdFeB) magnet Φ 11 x 2t mm	
12	Weight	27g \pm 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 1.0W	
15	Buzz, Rattle, etc.	Should not be audible at 2.83V 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 15 seconds without resulting in any damage or rejection.	
18	Temperature	Operating temperature: -20°C to +60°C	
		Storage temperature: -30°C to +70°C	

REV NO.	REVISION NOTE	APPROVAL	DATE
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WIRE : UL 1007 , 26 AWG .
CONNECTOR : Equivalent to JST-PHR-4

RoHS

TITLE: DYNAMIC SPEAKER + SOUND BOX		DRAWN: Zack	2015/01/13	SCALE: 1:1	SHEET: 1 : 1
PART NO. AK-542008CC-1C-LF	2	DESIGNED: R & D OF AAT	UNITS: mm		
DWG NO. HS-100608		CHECKED:	TOLERANCE ± 0.5		
REV		APPROVAL:	UNLESS OTHERWISE SPECIFIED: ONE PLACE DECIMAL ± *** TWO PLACE DECIMAL ± *** THREE PLACE DECIMAL ± ***		
		MATERIAL: ABS			



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