

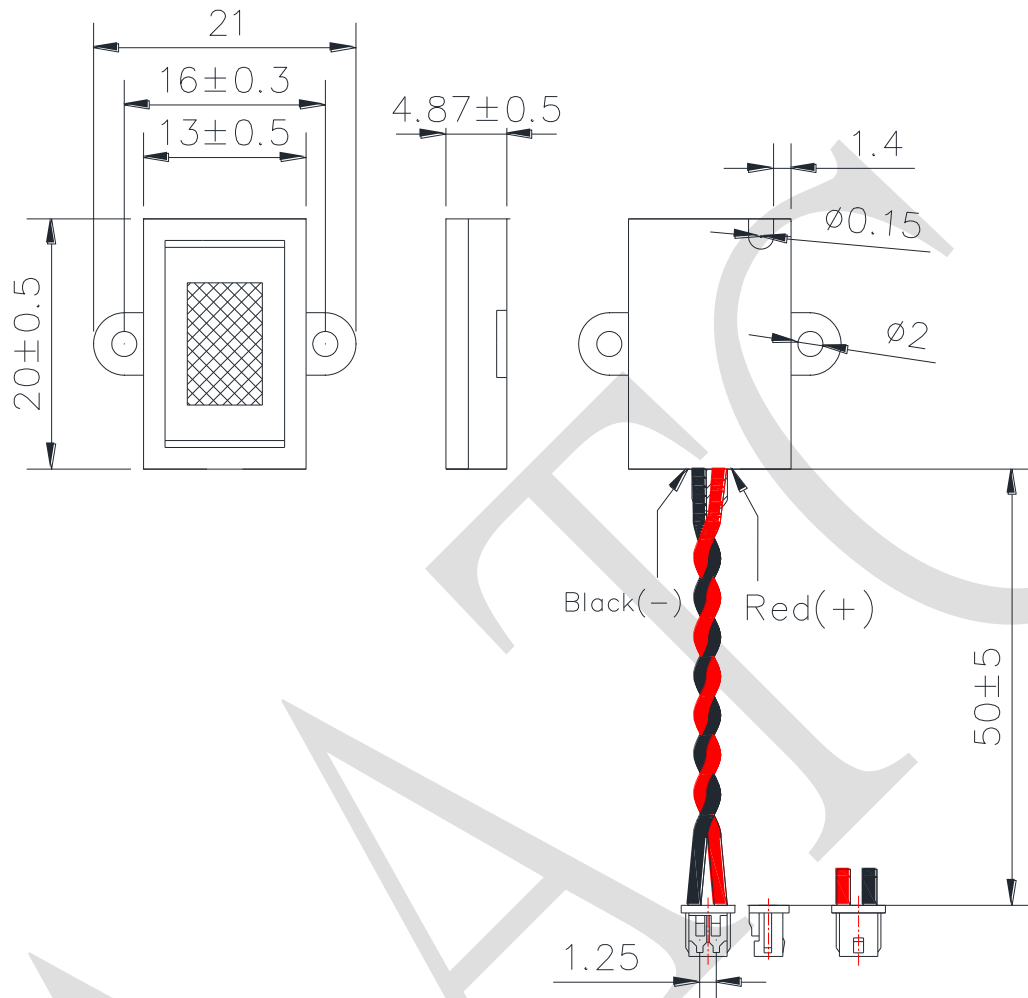
## 1. SPECIFICATION

AKB-20130808-PM-1C

ITEM		SPECIFICATIONS	
01	Type	Dynamic Speaker	
02	Dimension	External diameter 20 x 13 mm	
03	Rated Input Power	0.8W	
04	Max. Input Power	1.0 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 2KHz 1V	
06	Resonance Frequency (Fo)	1300 Hz $\pm$ 20% at Fo, 1V	
07	Sound pressure level	95 dB(0.8W/0.1M) $\pm$ 3 dB	at AVE 1.5, 1.6, 1.8, 2.0 KHz.
08	Frequency Range	500 – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 0.1W.	
10	Weight	2.0g $\pm$ 0.6g	
11	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.	
12	Operation Test	Must be normal at program source 0.8W	
13	Buzz, Rattle, etc.	Should not be audible at 2.52V sine wave between Fo to 2KHz	
14	Polarity	When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.	
15	Terminal Strength	Capable of withstand 1kg load for 15 seconds without resulting in any damage or rejection.	
16	Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C	

RoHS

REV NO.	REVISION NOTE	APPROVAL	DATE
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WIRE: UL1571, AWG32#  
CONNECTOR: Equivalent to MOLEX 51021-0200

RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Moose	2018-12-21	SCALE: 1:1	SHEET: 1 : 1
PART NO.	AKB-20130808-PM-1C	DESIGNED: R & D OF AAT	UNITS: mm		
DWG NO.	1	CHECKED:	TOLERANCE ± 0.5		
		APPROVAL:	UNLESS OTHERWISE SPECIFIED:		
		MATERIAL: Al	ONE PLACE DECIMAL ± ***		
	REV		TWO PLACE DECIMAL ± ***		
			THREE PLACE DECIMAL ± ***		



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