

## 1. SPECIFICATION

AKB-26200810-PM1C

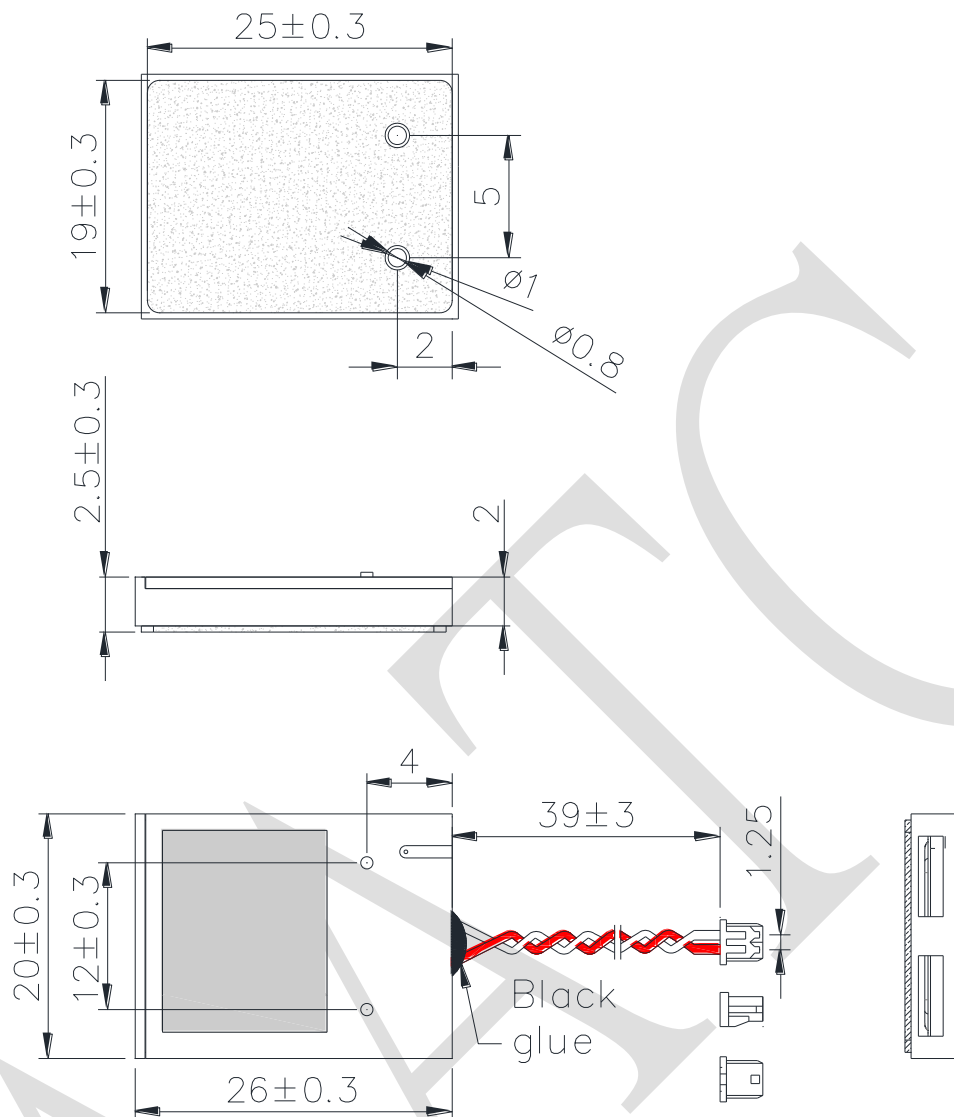
ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 26 x 20 mm	
03	Rated Input Power	1.0 W	
04	Max. Input Power	1.2 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 2.0KHz 1V	
06	Resonance Frequency (Fo)	950 Hz $\pm$ 20% at Fo, 1V	
07	Sound pressure level	90 dB(1.0W/0.1m) $\pm$ 3 dB	at AVG 1.0, 2.0, 3.0, 4.0 KHz.
08	Frequency Range	Fo – 10 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent ( NdFeB ) magnet	
11	Weight	3.2g $\pm$ 0.1g	
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 1.0W	
14	Buzz, Rattle, etc.	Should not be audible at 2.83V 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	

REV NO.

REVISION NOTE

APPROVAL

DATE



Wire: UL1571,AWG 30#  
Connector: JVT1146HNO-2N

RoHS

TITLE: DYNAMIC SPEAKER

DRAWN: Hank 2022/09/05

SCALE: 2:1

SHEET: 1:1

PART NO. AKB-26200810-PM1C

DESIGNED: R&amp;D OF AAT

UNITS: mm

CHECKED:

TOLERANCE ± 0.3

DWG NO. JXS1712BOX-08-03L39

APPROVAL:

FIRST ANGLE PROJECTION

REV 1

MATERIAL: ABS



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

## 4. RELIABILITY TESTS

REV.7