

1. SPECIFICATION

AKB2-28150420-PM1C

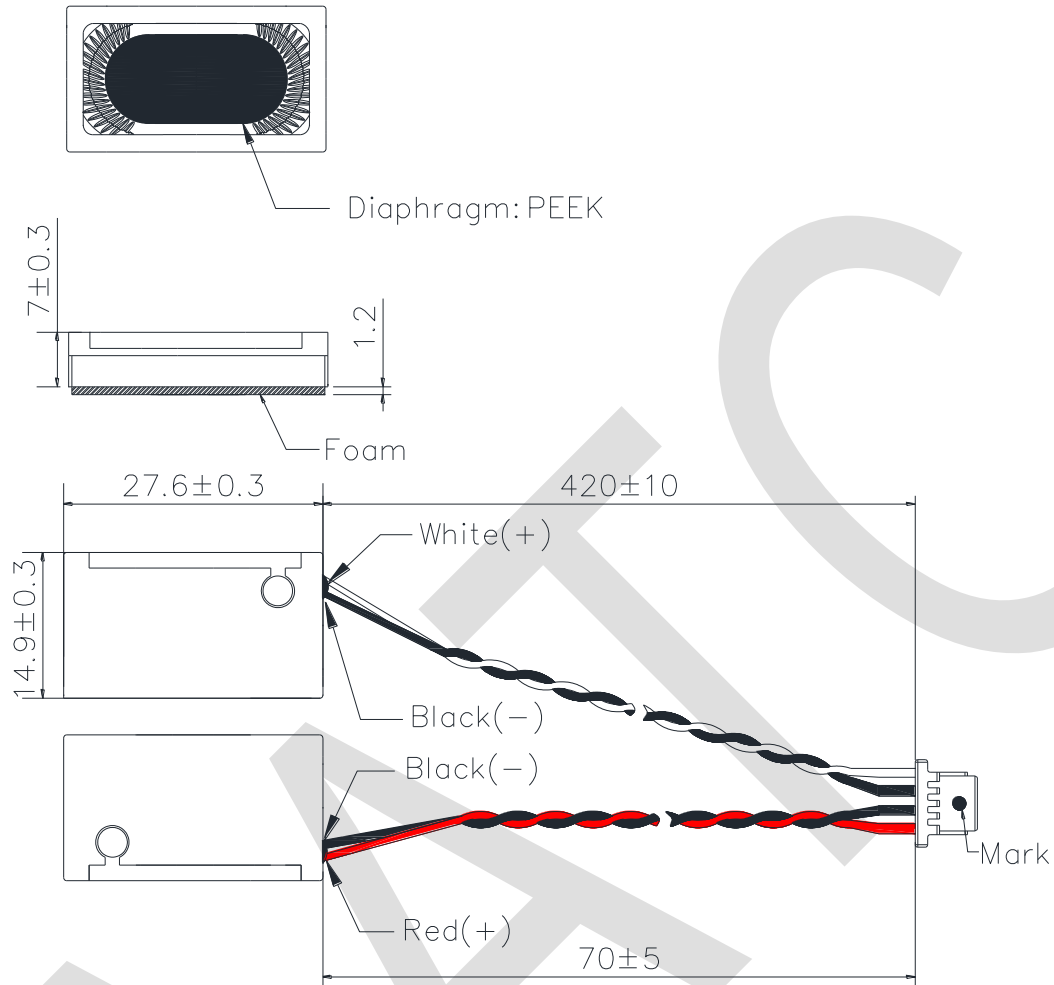
ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 27.6 x 14.9 x 7t mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	2.2 W for 1 minute	
05	Impedance	$4\Omega \pm 15\%$ at 2.0KHz 2.83V	
06	Resonance Frequency (Fo)	1150 Hz $\pm 20\%$ at Fo, 2.83V	
07	Sound pressure level	100 dB(2.0W/0.1M) ± 3 dB	at AVG 1.0, 1.2, 1.5, 2.0 KHz.
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 2.0 W.	
10	Weight	8.4g ± 0.3 g	
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 2.0W	
13	Buzz, Rattle, etc.	Should not be audible at 2.83V 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: -20°C to +70°C	

REV NO.

REVISION NOTE

APPROVAL

DATE



Wire: UL3302, AWG30#

Connector: Equivalent to ACES-50233-004H0H1-001

RoHS

TITLE: DYNAMIC SPEAKER

DRAWN: Hank 2024/06/17

SCALE: 2:1

SHEET: 1:1

PART NO. AKB2-28150420-PM1C

2

DESIGNED: R&D OF AAT

UNITS: mm

CHECKED:

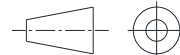
TOLERANCE ± 0.5

APPROVAL:

FIRST ANGLE PROJECTION

REV

MATERIAL: PPA



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