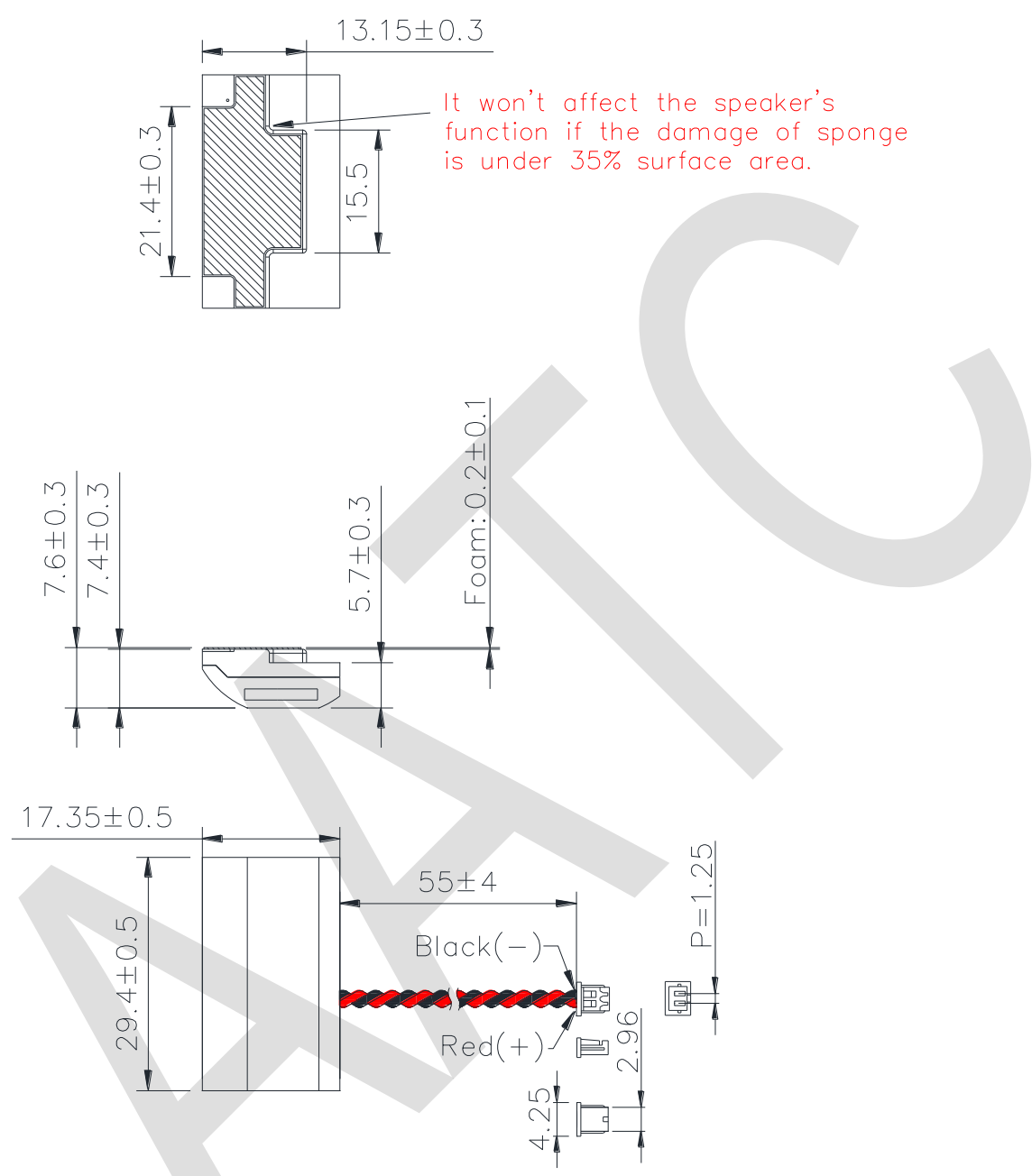


1. SPECIFICATION

AKB-29170810-PM1CV

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 29.4 x 17.35 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 KHz 1V	
06	Resonance Frequency (Fo)	900 Hz \pm 20% at Fo, 1V	
07	Sound pressure level	90 dB(1.0W/0.1M) \pm 3 dB	at AVG 0.8,1.0,1.2,1.5 KHz.
08	Frequency Range	Fo – 20 K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0 W.	
10	Magnet	Rare earth permanent (NdFeB)	
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 1.0 W	
13	Buzz, Rattle, etc.	Should not be audible at 2.83 V 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: -40°C to +85°C Storage temperature: -40°C to +85°C	
17	ABS Hardness	116 R Scale	

REV NO.	REVISION NOTE	APPROVAL	DATE
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Wire: UL1571,AWG30#
Connector:Equivalent to MOLEX 51021-0200

RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Hank	2023/11/21	SCALE: 2:1	SHEET: 1:1
PART NO. AKB-29170810-PM1CV		DESIGNED: R&D OF AAT		UNITS: mm	
DWG NO.		CHECKED:		TOLERANCE ± 0.3	
		APPROVAL:		FIRST ANGLE PROJECTION	
		MATERIAL: ABS			



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