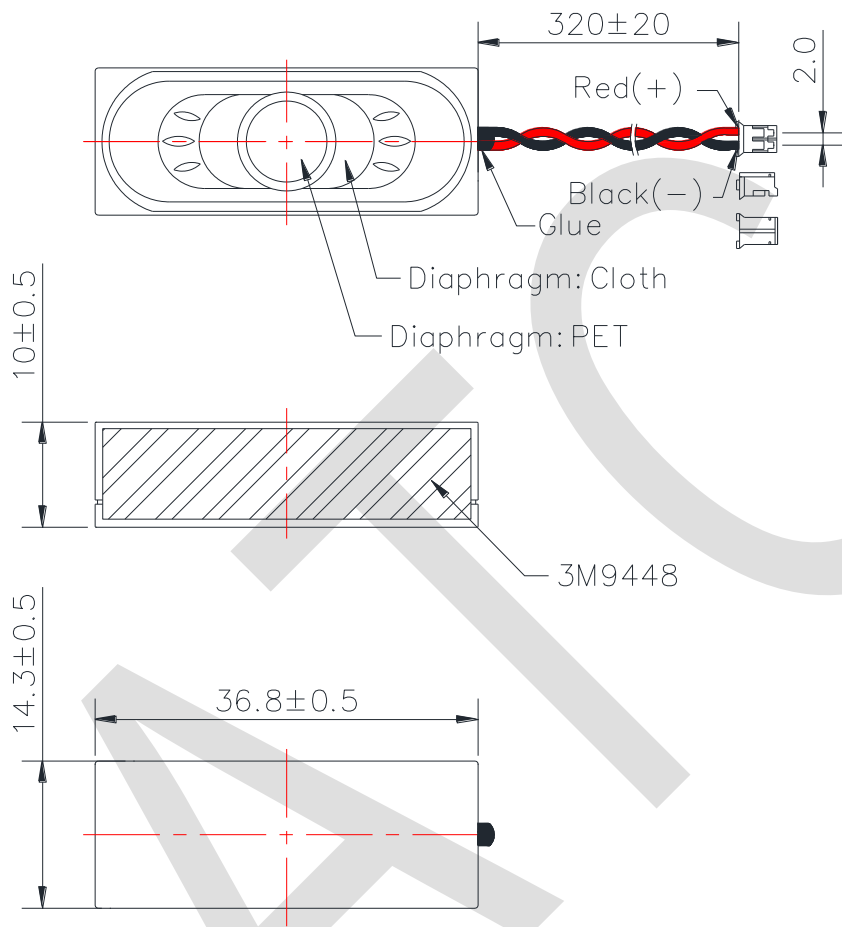


1. SPECIFICATION

AKB-37140820-MMC1C2

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 37 x 14 mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	2.5 W for 1 minute	
05	Impedance	8Ω± 15% at 1 KHz 1V	
06	Resonance Frequency (Fo)	1700 Hz ± 20% at Fo, 1V	
07	Sound pressure level	79 dB(0.1W/0.1M) ± 3 dB	at AVG 1.2, 1.5, 1.8, 2.0 KHz.
		92 dB(2.0W/0.1M) ± 3 dB	
08	Frequency Range	Fo – 6 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 2.0 W	
13	Buzz, Rattle, etc.	Should not be audible at 4.0 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: -20℃ to +60℃	
		Storage temperature: -30℃ to +70℃	



Wire: UL1061,AWG26#
 Connetor:Equivalent to JST PHR-2

RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Hank	2024/04/23	SCALE: 2:1	SHEET: 1:1
PART NO. AKB-37140820-MMC1C2	2	DESIGNED:	R&D OF AAT	UNITS: mm	
		CHECKED:		TOLERANCE ± 0.5	
		APPROVAL:		FIRST ANGLE PROJECTION	
DWG NO.	REV	MATERIAL:	ABS		



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