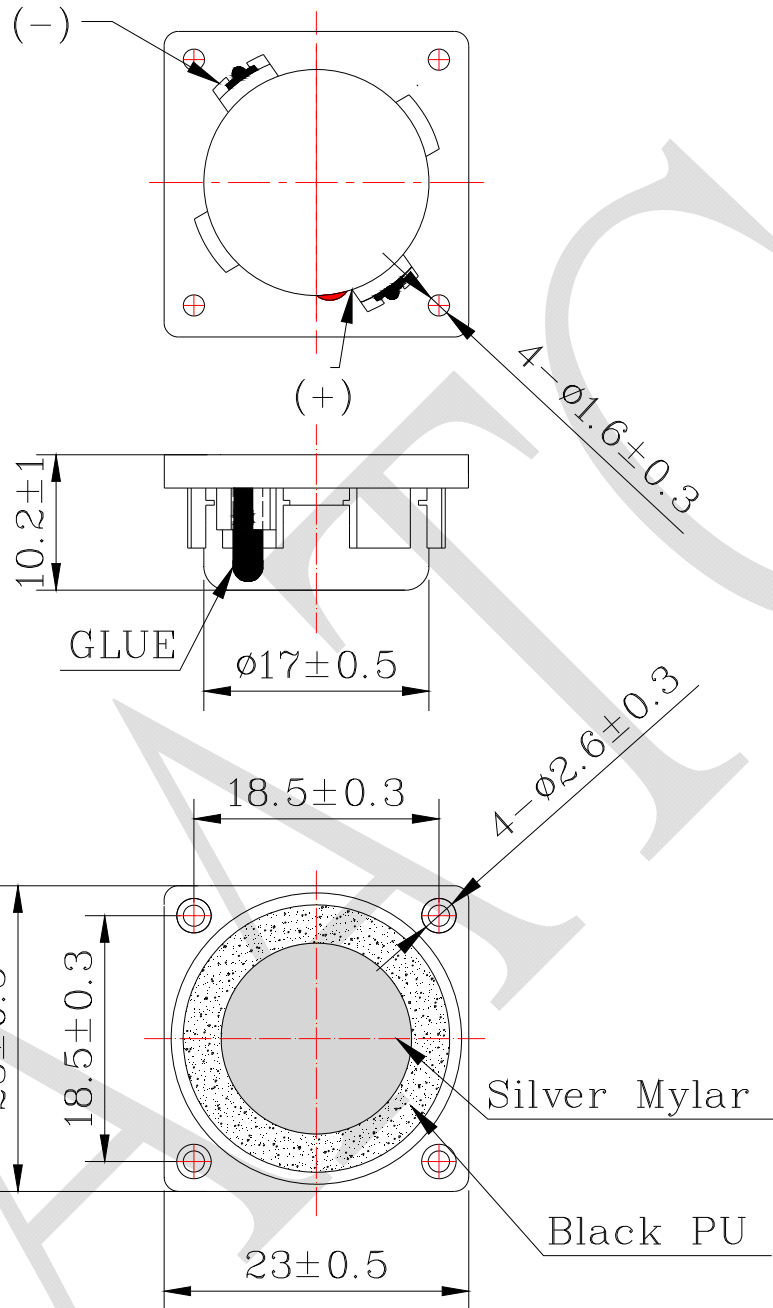


1. SPECIFICATION

AKR-P2323MF4-1

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External diameter 23 x 23 mm	
03	Rated Input Power	2.0 W	
04	Max. Input Power	4.0 W for 1 minute	
05	Impedance	$4\Omega \pm 15\%$ at 1KHz 1V	
06	Resonance Frequency (Fo)	710 Hz $\pm$ 20% at Fo, 1V	
07	Sound pressure level	89 dB(2.0W/0.1M) $\pm$ 3 dB	at AVE 0.5, 0.6, 0.8, 1.0 KHz.
08	Frequency Range	300 – 20K Hz	
09	Total Harmonics Distortion	Max 10 % at 1 KHz, 1.0W	
10	Magnet	Rare earth permanent (NdFeB) magnet Φ 12.5 x 3.0 mm	
11	Weight	8.2 g $\pm$ 0.3g	
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 2.0W	
14	Buzz, Rattle, etc.	Should not be audible at 2.83 V sine wave between Fo to 20KHz	
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
---------	---------------	----------	------



RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Moose	2017/05/04	SCALE: 2:1	SHEET: 1:1
PART NO. AKR-P2323MF4-1		DESIGNED: R&D OF AAT		UNITS: mm	
DWG NO. TQ-023CP-4 (2323CP04)		CHECKED:		TOLERANCE ± 0.5	
(104052501A)		APPROVAL:		UNLESS OTHERWISE SPECIFIED:	
		MATERIAL: *****		ONE PLACE DECIMAL $\pm$ ***	
				TWO PLACE DECIMAL $\pm$ ***	
				THREE PLACE DECIMAL $\pm$ ***	



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC.

AATC