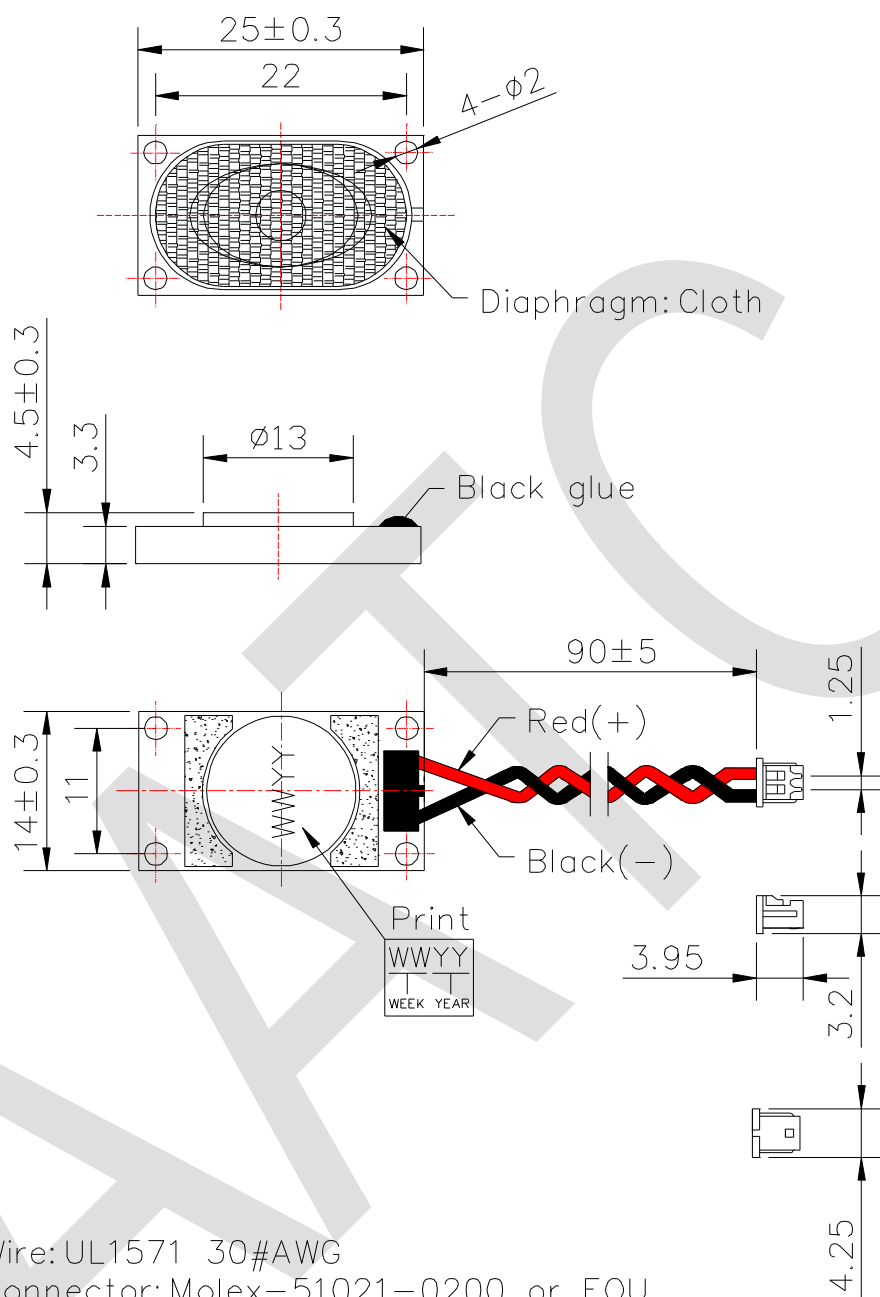


## 1. SPECIFICATION

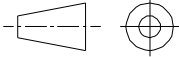
AKR-25140810-PC6C

ITEM		SPECIFICATIONS	
01	Type	Dynamic speaker	
02	Dimension	External 25*14 mm	
03	Rated Input Power	1.0 W	
04	Max. Input Power	1.5 W for 1 minute	
05	Impedance	$8\Omega \pm 15\%$ at 3KHz 1V	
06	Resonance Frequency (Fo)	1100 Hz $\pm 20\%$ at Fo, 1V	
07	Sound pressure level	92 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, 0.1 W.	
10	Magnet	Rare earth permanent ( NdFeB ) magnet	
11	Weight	2.5g $\pm 0.2$ g	
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 +65°C Storage temperature: -40°C to +75°C	

REV NO.	REVISION NOTE	APPROVAL	DATE
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RoHS

TITLE: DYNAMIC SPEAKER		DRAWN: Amanda 2023/11/07	SCALE: 2:1	SHEET: 1:1
PART NO. AKR-25140810-PC6C	1	DESIGNED: RDV004	UNITS: mm	
		CHECKED:	TOLERANCE $\pm 0.5$	
		APPROVAL:	FIRST ANGLE PROJETION	
DWG NO.	REV	MATERIAL: PBT		



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION