



Dynamic loudspeaker

40×28.5×12.3 mm

With wire & connector

BR4029C123ZN8P

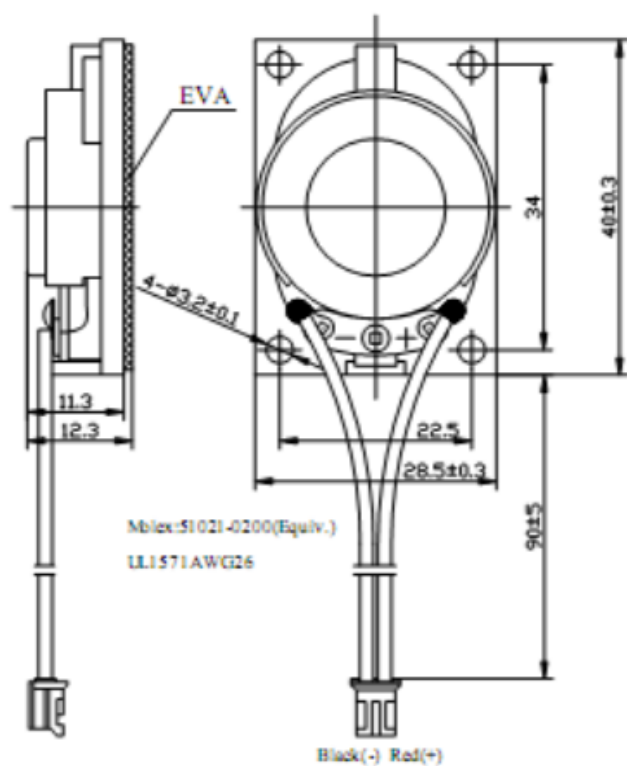
Revision

Date	Version	Status	Changes	Approver
2021/12/27	V0.1	Draft	First release	AX

1.SPECIFICATIONS

ITEM	SPECIFICATION	TEST METHOD
Pure Tone Test	Sine Wave 4V	EAI.RS426A
Impedance	$8\Omega \pm 15\%$	GB/T12060.5 16.1
Normal Power	2W	GB/T12060.5 18.1
Max. Power	4W	GB/T12060.5 18.3
Lowest Resonant Frequency	$500 \pm 20\%$ Hz	GB/T12060.5 19.2.1
Frequency Range	$f_o \sim 10\text{KHz}$ (Output S.P.L. -10dB)	GB/T12060.5 21.2
Sound Pressure Level	$82 \pm 3\text{dB}$ (0.5M,1W)	GB/T12060.5 20.4、10.1.a
Distortion Factor	Max 5 % (at 1KHz/1W)	GB/T12060.5 20.4、10.1.a
Insulation R	Min $1\text{M}\Omega$	GB9397 5.4.1
Withstand V	AC 100 V 50Hz 1min	GB9397 5.4.2
Polarity	When a positive DC current is applied to the Voice coil terminal marked "+", the diaphragm shall move forward.	GB/T12060.5 14
Sliding Shock Test	$600\text{ mm} \pm 25\text{mm}$, angle $60^\circ \pm 5^\circ$	GB9397 5.5.2
Drop Test	60cm	GB9397 5.5.4
Hi-Temp Load Storage Test	$55^\circ\text{C} \pm 2^\circ\text{C}$, 1/4power 16 hours, placement 2 hours	GB9397 5.5.5
Humidity & Heat Test	$40^\circ\text{C} \pm 2^\circ\text{C}$, RH $(93 \pm \frac{2}{3})\%$, 48 hours, comeback 24 hours	GB9397 5.5.6
Low-Temp Load Storage Test	$-10^\circ\text{C} \pm 3^\circ\text{C}$, 1/4power 1hour, lower $-25^\circ\text{C} \pm 3^\circ\text{C}$ placement 2hours, comeback 4 hours	GB9397 5.5.7
Riveting	5N	GB9397 5.1.1
Dimension	$40 \times 28.5\text{ mm}$	

2. Drawing



3. Frequency Response

