

Data Sheet AS05008MR-15

Features:

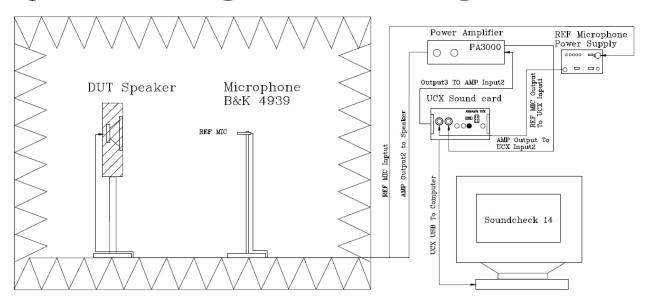
- High power for this frame size
- IP65 Rating
- High Temperature grading

Specifications

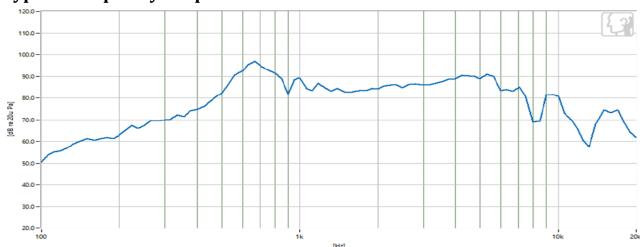
Parameters	Values	Units
Rated Input Power	2.5	Watts
Max Input Power	3.0	Watts
Impedance	8 ± 15%	Ohms
Output SPL (At (1.0K, 1.2K, 1.5K, 2.0K); 1W/1M)	85 ± 3	dB
Resonant Frequency	650 ± 20%	Hz
Frequency Range	650 ~ 10,000	Hz
THD	<10%	At 1.0KHz /1W/10cm
Magnet Material	Ferrite	-
Diaphragm Material	PEN	-
Ingress Protection	IP65	-
Weight		Grams
Buzz, Rattle, etc.	Not be audible at 4.47V sine wave between FO~5K	-
Environmental Compliances	ROHS/REACH	-
Polarity	Diaphragm shall move Forward when a positive DC current is applied to the "+" terminal	_
Storage Temperature	-40 ~ 85	°C
Operating Temperature	-40 ~ 80	°C

Measurement Method

Speaker Testing framework diagram

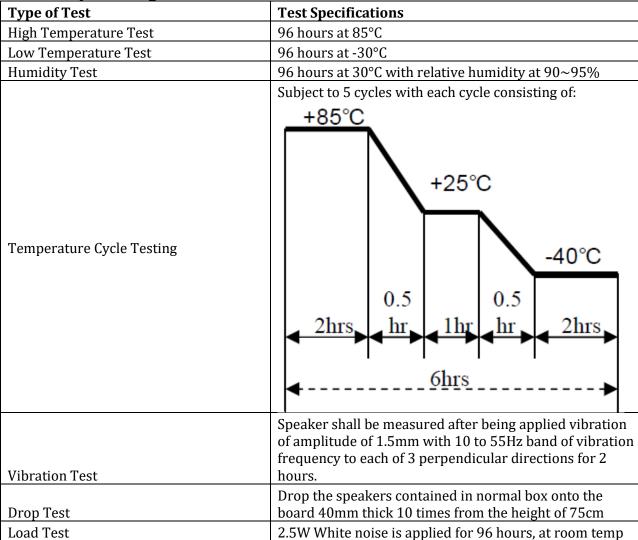


Typical Frequency Response



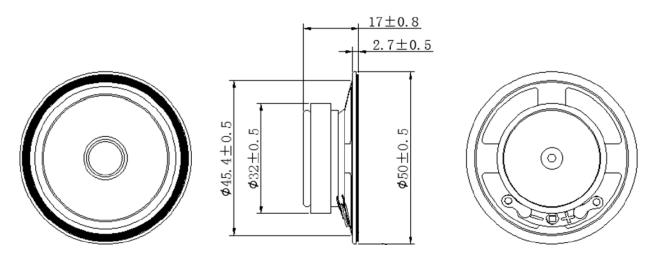
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Reliability Testing

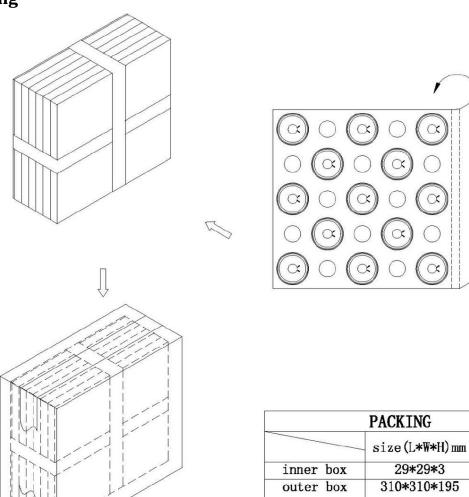


After each test let rest for 6 hour at 25°C, then the part shall be within ±3 dB.

Dimensions



Packaging



PACKING			
	size(L*W*H)mm	qty(pcs)	
inner box	29*29*3	5*5=25	
outer box	310*310*195	25*8=200	
gross weight	10Kg		
net weight	9KG		

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Specifications Revisions

Revision	Description	Date
A	Released from Engineering	1/10/2023

Note:

- 1. Unless otherwise specified:
 - A. All dimensions are in millimeters.
 - B. Default tolerances are ± 0.5 mm and angles are $\pm 3^{\circ}$.
- 2. Specifications subject to change or withdrawal without notice.