Telstar Electronics Corp.
9025 ETON AVE. STE A, CANOGA PARK, CA 91304
TEL 818-882-2018 FAX 818-882-5137
E-mail Address: sales@telstarcorp.com
Web Address: www.telstarcorp.com

ATEC-509015W 15W Full Range Speaker Specification

1. SCOPE

This specification cover our product of speaker.

1.1	USE TYPE	50X90X30mm
1.2	RATING POWER	15W
1.3	VOICE COIL IMPEDANCE	8Ω ± 15% at 100Hz 1.0V
1.4	RESONANCE FREQUENCY	210Hz±20% at 1.0V
1.5	SOUND PRESSURE	87+/-3dB (At 0.5M/1W at 500,600,800,1000 Hz average
1.6	RESPONSE RANGE	Fo – 20K Hz deviation 10dB Max,
1.7	DISTORTION	10 % max at 1K Hz 1W
1.8	MAX INPUT POWER	30 W must be normal at a white noise for one second
1.9	VOICE COIL	Φ 20.4
1.10	MAGNET	Nd-FeB
1.11	BUZZ RATTLE	Must be normal at sine wave 10.9V (210-5000Hz)
1.12	LOAD TEST	White noise 15W 24 Hours
1.13	HEAT TEST	55℃± 2℃ 20-25% H.M. 24 Hours
1.14	HUMIDITY TEST	40℃± 2℃ 90-95% H.M. 24 Hours
1.15	COLD TEST	-20℃ 2 Hours
1.16	POLARITY	When a positive D.C current is applied to the voice coil terminal marked(+).the diaphragm shall move forward.

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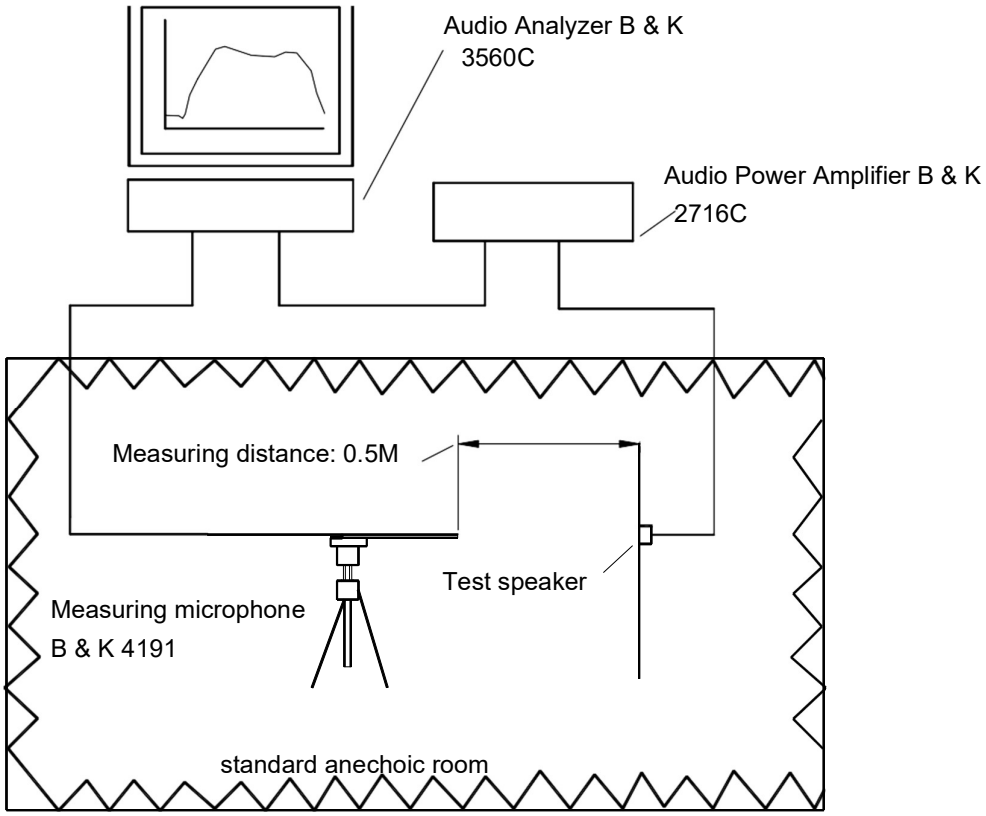
2.FREQUENCY MEASURING CIRCUIT



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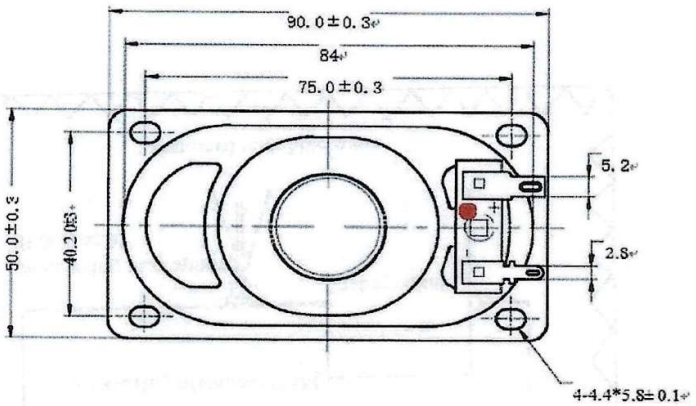
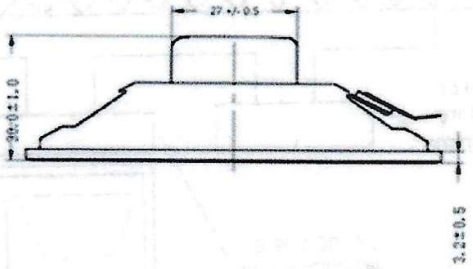
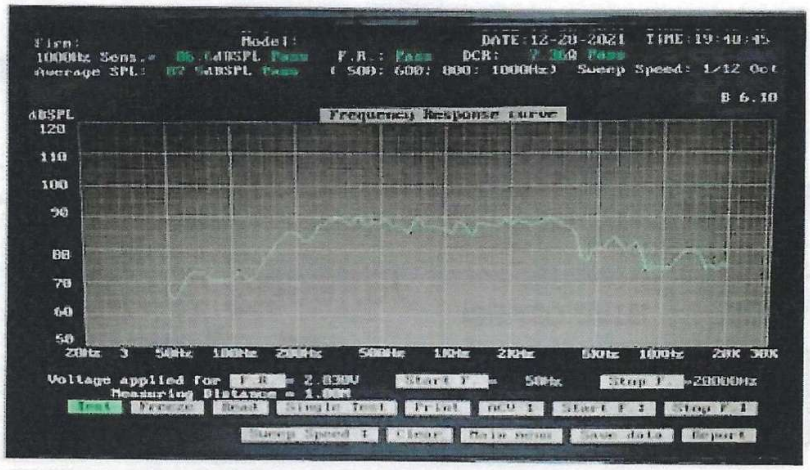
3. DIMENSIONS

unit : mm unless otherwise specified ,tolerance:±0.5





PULSE Report: