

**Type Code**

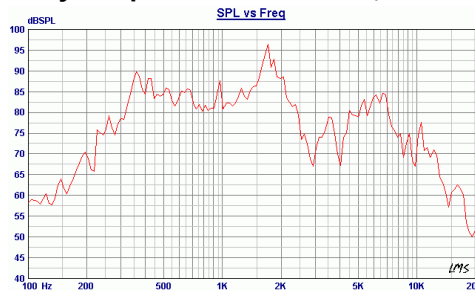
**CMS50R7-8N0.2-1T500:**

*Chinasound Mylar Speaker 40mm diameter, 7mm height, Round metal frame - 8ohm rated impedance, NdFeB magnet, 0.2W rated power – type 1, Transparent Mylar cone, 500 Hz rated frequency*

**Picture**



**Frequency Response Curve** Tested by LMS at 0.2W 0.5m



**Technical Terms**

Type	<b>CMS50R7-8N0.2-1T500</b>	
*Rated Impedance	(ohm)	8+/-15%
Rated (Max.) Power	(W)	0.2 (0.4)
Resonance Frequency	(Hz)	500+/-20%
Rated Frequency Range	(Hz)	fo~6000
*Sound Pressure Level	(dB)	83+/-3 at 1m1W
Operating Temperature	(°C)	-20~+60

\*Other Rated Impedance is available. \*\*Average of SPL values at 800, 1000, 1200 & 1500 Hz.

**Reliability**

Buzzes & Rattles	0.2W(=1.41V) sine wave
Load Test	0.2W(=1.41V) for 24hrs
High Temp. Test	+60±2C° for 16hrs
Cold Temp. Test	-20+/-2C° for 2hrs
Moisture Test	+40+/-2C°, 92+/-% R.H. for 48hrs
Temp. Cycling Test	5 cycles, 1 cycle consisting of -20+/-2C° for 10min; 20+/-5C° for 5min; +50+/-2C° for 10min; 20+/-5C° for 5min
Vibration Test	Freq.: 10Hz to 55Hz; Amplitude:1.5mm; Time: 30min per each axis (X,Y and Z-axis)

All specifications must be satisfied after the test (Recovery:2 to 4 hrs of recovery under the standard condition after the removal from test chamber)

**Dimensions (Unit:mm)**

