

Type Code

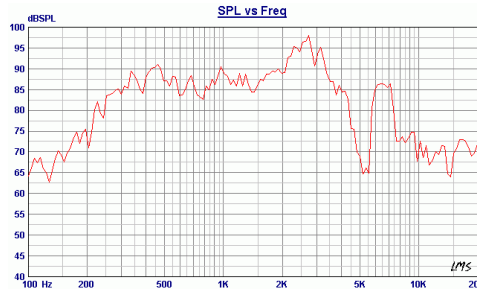
CMS50RA7.8-50N0.5-2B350:

Chinasound Mylar Speaker 50mm length, Round ABS frame, 7.8mm height - 50 ohm rated impedance, NdFeB magnet, 1W rated power – type 2, Black cone, 350 Hz rated frequency

Picture



Frequency Response Curve Tested by LMS at 0.5W 0.5m



Technical Terms

Type	CMS50RA7.8-50N0.5-2B350	
*Rated Impedance	(ohm)	50 ± 15%
Rated (Max.) Power	(W)	0.5 (1)
Resonance Frequency	(Hz)	350 ± 20%
Rated Frequency Range	(Hz)	fo~4000
**Sound Pressure Level	(dB)	85 ± 3 at 1m1W
Operating Temperature	(°C)	-40~+70

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

Reliability

Buzzes & Rattles	0.5W(=5V) sine wave
Load Test	0.5W(=5V) for 24hrs
High Temp. Test	+70±2C° for 16hrs
Cold Temp. Test	-40+/-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)

