

**Type Code**

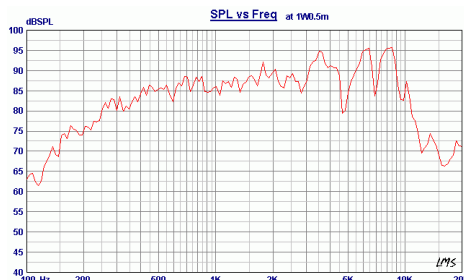
**CMS50RA7.9-50N1-1B350:**

Chinasound Mylar Speaker 50mm length, Round ABS frame, 7.9mm height - 50 ohm rated impedance, NdFeB magnet, 1W rated power – type 1 Black cone, 350 Hz rated frequency

**Picture**



**Frequency Response Curve** Tested by LMS at 1W 0.5m



**Technical Terms**

| Type                   | CMS50RA7.9-50N1-1B350 |                |
|------------------------|-----------------------|----------------|
| *Rated Impedance       | (ohm)                 | 50 ± 15%       |
| Rated (Max.) Power     | (W)                   | 1 (1.5)        |
| Resonance Frequency    | (Hz)                  | 350 ± 20%      |
| Rated Frequency Range  | (Hz)                  | fo~8000        |
| **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   | 1W(=7.07V) sine wave   |
| Load Test          | 1W(=7.07V) 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)**

