#### CMS40R5C-8N1-2A600R

#### Description

Chinasound Micro Speaker 40mm diameter, Round metal frame, 5mm height, type C (coil with paper frame)-8ohm rated impedance, NdFeB magnet, 1W rated power - type 2, Al plated Mylar cone, 600 Hz rated frequency, RoHS compliant

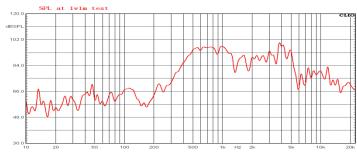
Version: SP1.10.074-A1

- ♦ RoHS compliant
- Water-proof IP65 in the front
- ♦ Small size

#### **Picture**

# Frequency Response Curve Tested by CLIO





### **Specification**

**Rated Impedance** 8+/-15% ohm (Other Rated Impedance is available.)

**Rated Power** 1 W 1.5 W Max. Power **Resonant Frequency** 600+/-20% Hz **Frequency Range** fo ~ 5k Hz

Sound Pressure Level 85+/-3 dB 1W1m (Average of SPL values at 800 1,000 1,200 & 1,500 Hz.)

-40 °C to +70 °C **Operating Temperature Storage Temperature** -40 °C to +70 °C **Termination** Description PCB

**Construction Materials** Case Steel, Zn plated Diaphragm Al plated Mylar

Weight (Typical) 9.2g Reliability

\*Buzzes & Rattles Must be normal at 2.83V(=1W) sine wave

\*Load Test 1W white noise for 96hrs

\*High Temperature no function at +70 +/-2 °C for 96 hours, function at +70+/-2 °C for 16 hours, \*Low Temperature no function at -40+/-2 °C for 96 hours, function at -40+/-2 °C for 16 hours,

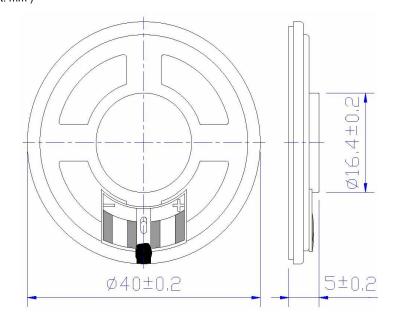
\*Humidity  $+40+/-2C^{\circ}$ , 90 ~ 95% R.H. for 48hrs

\*Thermal Shock -40+/-2 °C, 30min $\to$ +20 °C,15min, $\to$ +70+/-2 °C, 30min $\to$ +20 °C,15min, 5 cycles \*Vibration 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular direction for 2 hrs

For a period of one (1) year from date of manufacture under normal operations \* 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 )

Warranty



All specifications are subject to change without notice





http://www.chinasound.com email: market@chinasound.com



# ISO9001 certified

# **Revisions History**

Version Number	Description	Name	Date
SP1.10.074-A0	Original, CMS40R5C-8N1-2A600R	Chrissy Deng	2016-07-04
SP1.10.074-A1	Add the description of the waterproof rating	Chrissy Deng	2019-07-29



Composed by: Chrissy D/190729 Checked by: James Z/190729 Approved by: William W /190729

nes Z/190729 Approved by: William W /190729

CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.

Tel: +86-519-86182518 Fax: +86-519-86182519

http://www.chinasound.com
email: market@chinasound.com