CMS1115SA2.5-8N0.7-K700R

Description

Chinasound Micro Speaker 11mm width, 15mm length, Square type A frame, 2.5mm height - 8 ohm rated impedance, NdFeB magnet,

0.7W rated power - PEEK cone, 700 Hz resonant frequency, RoHS

compliant **Picture**

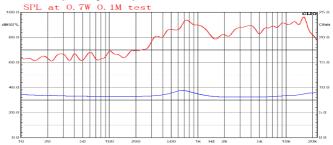
Small size

Version: SP1.10.105-A0

♦ RoHS complaint

Frequency Response Curve tested by CLIO 10





Specification

Rated Impedance Rated Power Max. Power **Resonant Frequency Frequency Range Sound Pressure Level Operating Temperature**

Storage Temperature Termination **Construction Materials**

Weight (Typical) Reliability

8+/-15% ohm 0.7 W 1 W 700+/-20% Hz. fo ~ 20kHz.

89+/-3 dB 0.7W10cm (Average of SPL values at 800, 1000, 1200 & 1500 Hz.)

-30°C to +70°C -40 °C to +85 °C Spring terminal PBT or PPA PEEK cone

Diaphragm

*Buzzes & Rattles Dynamic speaker must be audible noise at 2.37(=0.7W)Vrms

*Load Test 0.7W white noise for 96hrs

*High Temperature no function at +85 +/-2 °C for 96 hours, function at +70+/-2 °C for 96 hours, *Low Temperature no function at -40+/-2 $^{\circ}$ C for 96 hours, function at -30+/-2 $^{\circ}$ C for 96 hours,

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

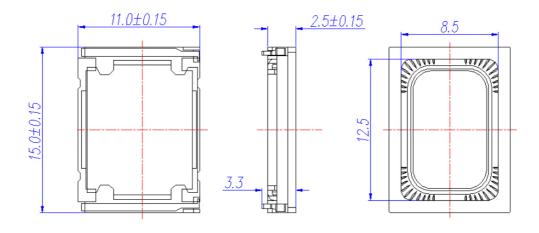
-30+/-2 °C, 30min→+20 °C,15min,→+70+/-2 °C, 30min→+20 °C,15min, 5 cycles *Thermal Shock *Vibration 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular direction for 2 hrs

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

Description

Case

Dimensions (Unit: mm)



Any changes to this specification must be approved in writing by engineering prior to change

Revisions History

Version Number	Description	Name	Date
SP1.10.105-A0	Original, CMS1115SA2.5-8N0.7-K700R	Chrissy Deng	2018-08-16



^{*} 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).

^{**90%} min. soldering pads shall be with solder.(except the edge of pad)

