

Description

Chinasound Loudspeaker 50mm diameter, Round metal frame, 14mm height – 16 ohm, NdFeB, 3W – Transparent Mylar cone, 700 Hz – Connector number 32(=JST PHR-2), Wire 150mm length, RoHS compliant

- ◆ RoHS compliant
- ◆ Water-proof IP 65 in the front
- ◆ High Rated Power

Picture



Frequency Response Curve Tested by CLIO



Specification

- Rated Impedance
- Rated Power
- Max. Power
- Resonant Frequency
- Frequency Range
- Sound Pressure Level
- Operating Temperature
- Storage Temperature
- Termination
- Construction Materials

- Weight (Typical)
- Reliability

- Description
- Case
- Diaphragm

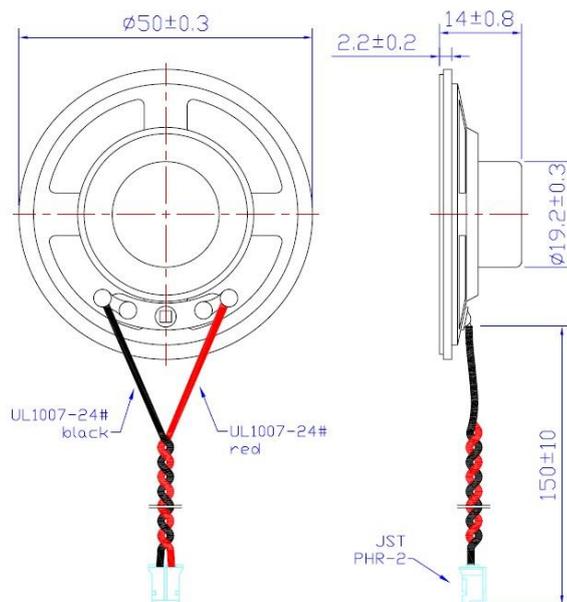
- *Buzzes & Rattles
- *Load Test
- *High Temperature
- *Low Temperature
- *Humidity
- *Thermal Shock
- *Vibration
- *Soldering Heat Resistance
- **Solderability

16+/-15% ohm (Other Rated Impedance is available.)
 3 W
 5 W
 700+/-20% Hz
 fo ~ 4,000 Hz
 83 dB min. at 3W 3m at a point between 2.5 to 3.5KHz at 25 °C
 -20 °C to +60 °C
 -30 °C to +70 °C
 2 soldering terminal, Silver plated Brass
 Steel, Zn plated
 Transparent Mylar
 25 g
 Must be normal at 6.93V(=3W) sine wave
 3W white noise for 96hrs
 no function at +70 +/-2 °C for 96 hours, function at +60+/-2 °C for 16 hours,
 no function at -30+/-2 °C for 96 hours, function at -20+/-2 °C for 16 hours,
 +40+/-2°C, 90 ~ 95% R.H. for 48hrs
 -20+/-2 °C, 30min→+20 °C,15min,→+60+/-2 °C, 30min→+20 °C,15min, 5 cycles
 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular
 direction for 2 hrs
 350+/-5 °C iron put on soldering lugs for 3+/-1 seconds
 Soldering lugs are soldered by iron 350+/-5 °C for 3+/-0.5 seconds.
 For a period of one (1) year from date of manufacture under normal operations

Warranty

* 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)

Dimensions (Unit: mm)



All specifications are subject to change without notice

Revisions History

Version Number	Description	Name	Date
SP1.09.080-A0	Original, CLS50R14-16N3-T700-C32W150R	Eileen Guan	2015-02-14
SP1.09.080-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

ChinaSound

CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.

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

<http://www.chinasound.com>

email: market@chinasound.com