

Description

Chinasound **Electro-magnetic Buzzer 12mm diameter, type B(=7.5mm height), 03VDC rated voltage – 3.1KHz resonant frequency, RoHS compliant**

◆ **RoHS compliant**

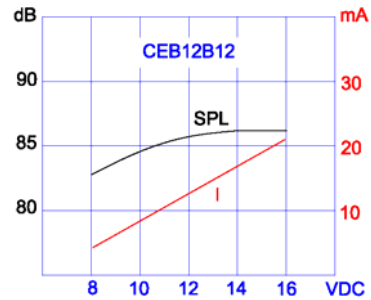
◆ **Small size**

◆ **Flame Retardant Plastic**

Picture



Characteristics



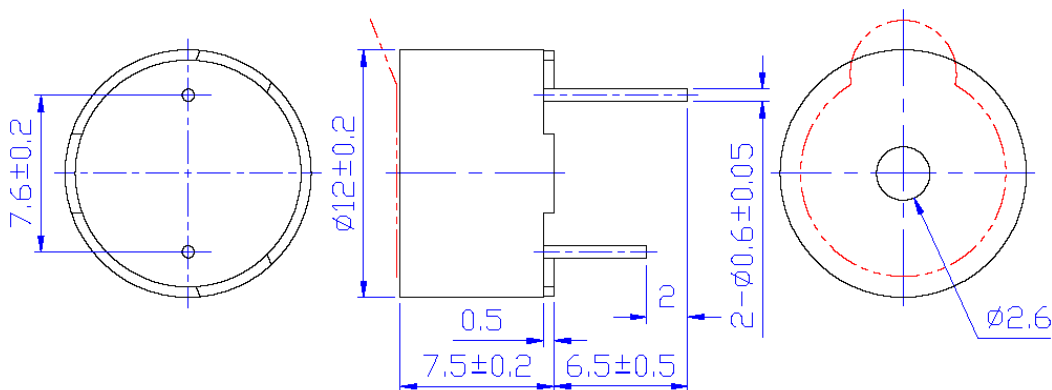
Specification

Rated Voltage	12 VDC
Operating Voltage	8 ~ 15 VDC
Rated Current	30 mA max. at 12 VDC
Sound Output	83dB min. at 12 VDC, 10cm
Operating Frequency	3,100+/-300Hz
Operating Temperature	-30 °C to +85 °C
Storage Temperature	-40 °C to +90 °C
Termination	2 soldering pins, Sn plated Brass
Construction Materials	Maximum of 9.8N load pull test, applied to each terminal in axial direction for 10 seconds Plastic, Noryl PX9406 (Black) made by GE Plastics, UL 94-V0 (UL No.: E207780) Ni Alloy Disc N50
Weight (Typical)	1.4 g
Reliability	At 12 VDC in room temperature continuously for 1000 hours *Life Test *High Temperature no function at +90+/-2 °C for 96 hours, function at +85+/-2 °C for 96 hours, *Low Temperature no function at -40+/-2 °C for 96 hours, function at -30+/-2 °C for 96 hours, *Humidity 25+/-2 °C, 90-95%RH, 5hr→up to 55+/-2 °C, 90-95%RH, 0.5hr →55+/-2 °C, 90-95%RH, 5hr→down to 25+/-2 °C, 90-95%RH, 0.5hr, 10 cycles *Thermal Shock -40+/-2 °C, 30min→+20 °C,15min,→+85+/-2 °C, 30min→+20 °C,15min, 5 cycles *Vibration 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular direction for 2 hrs *Shock 98m/s ² (=10g) shock for each mutually perpendicular directions, half sine wave, 3 times each *Drop Test Dropped naturally from 750mm height onto the surface of 10mm wooden board. 2 directions – upper and side of the part are applied *Soldering Heat Resistance Pins are immersed up to 1.5mm from sounder's body in solder bath of 350+/-5 °C for 3+/-0.5 seconds seconds **Solderability Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of 350+/-5 °C for 3+/-0.5 seconds.

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)



CEB12B12-3.1R: without washable lable ; CEB12B12-3.1-1R: with washable label

All specifications are subject to change without notice

Composed by: Guo J/070321 Checked by: Gong YS, Zhu YC/070321 Approved by: Wang Z/070321



CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.

Tel: +86-519-86182518 Fax: +86-519-6182519

http://www.chinasound.com

email: csound@jsmail.com.cn

Revisions History

Version Number	Description	Name
030724	Original, CEB12B12-3.1	Guo Jun
070321	RoHS compliant version, CEB12B12-3.1R	Guo Jun

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CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.
Tel: +86-519-86182518 Fax: +86-519-6182519
<http://www.chinasound.com>
email: csound@jsmail.com.cn