

Description

Chinasound Electro-magnetic Buzzer 12mm diameter, type C(=7.5mm height), 05VDC rated voltage - 2.3KHz resonant frequency, (-1(=with washable label)), RoHS compliant

◆ RoHS compliant

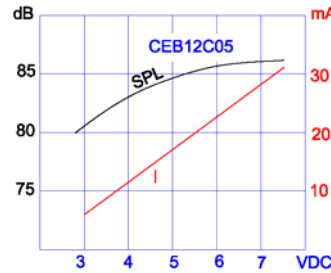
◆ Small size

◆ Flame Retardant Plastic

Picture



Characteristics



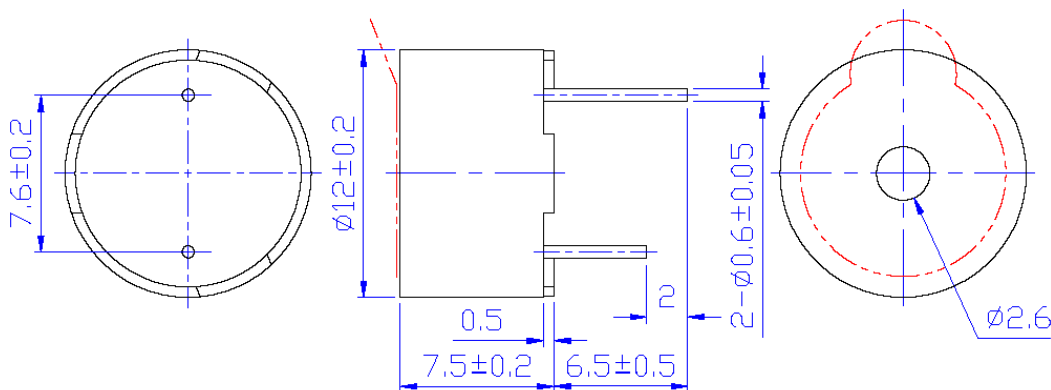
Specification

Rated Voltage	5 VDC
Operating Voltage	4 ~ 7 VDC
Rated Current	30 mA max. at 5 VDC
Sound Output	83dB min. at 5 VDC, 10cm
Operating Frequency	2300+/-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 Case: Plastic, Noryl PX9406 (Black) made by GE Plastics, UL 94-V0 (UL No.: E207780) Diaphragm: Ni Alloy Disc N50
Weight (Typical)	1.4 g
Reliability	*Life Test: At 5 VDC in room temperature continuously for 1000 hours *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 **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)



CEB12C05-3.1R: without washable lable ; CEB12C05-3.1-1R: with washable label

All specifications are subject to change without notice

Composed by: Guo J/060720 Checked by: Gong YS, Zhu YC/060720 Approved by: Wang Z/060720

ChinaSound

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Revisions History

Version Number	Description	Name
991014	Original, CEB12C05-2.3	Guo Jun
060720	RoHS compliant version, CEB12C05-2.3R	Guo Jun

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