

Description

Chinasound Electro-magnetic Buzzer 05mm diameter, type B(=7.5mm height), 03VDC rated voltage – 3.1 KHz resonant frequency (–1(=with washable label)), RoHS compliant

◆ RoHS compliant

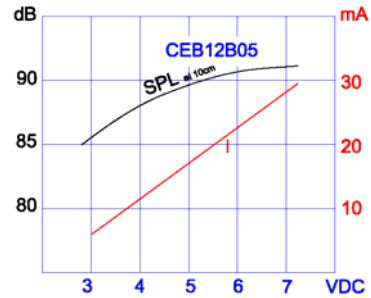
◆ Small size

◆ Flame Retardant Plastic

Picture



Characteristics



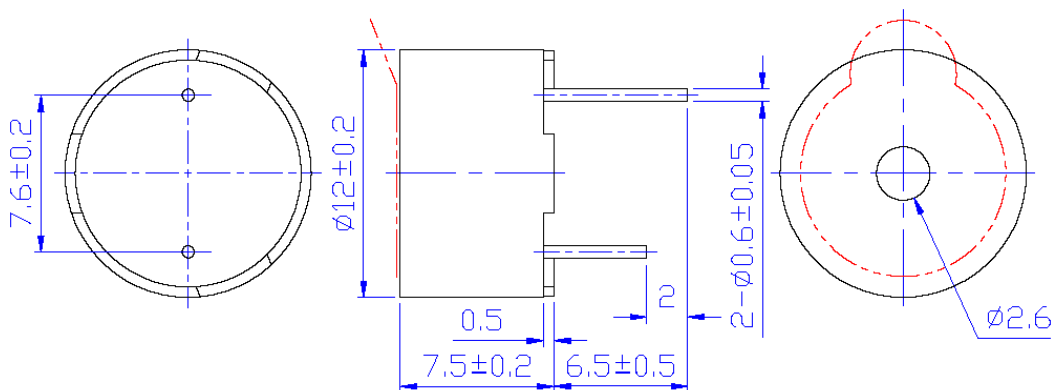
Specification

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	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	Description Termination Strength Case Diaphragm 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	*Life Test *High Temperature *Low Temperature *Humidity *Thermal Shock *Vibration *Shock *Drop Test *Soldering Heat Resistance **Solderability At 5 VDC in room temperature continuously for 1000 hours no function at +90+/-2 °C for 96 hours, function at +85+/-2 °C for 96 hours, no function at -40+/-2 °C for 96 hours, function at -30+/-2 °C for 96 hours, 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 -40+/-2 °C, 30min→+20 °C,15min,→+85+/-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 98m/s ² (=10g) shock for each mutually perpendicular directions, half sine wave, 3 times each Dropped naturally from 750mm height onto the surface of 10mm wooden board. 2 directions – upper and side of the part are applied Pins are immersed up to 1.5mm from sounder's body in solder bath of 350+/-5 °C for 3+/-0.5 seconds 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)



CEB12B05-3.1R: without washable lable ; CEB12B05-3.1-1R: with washable label

All specifications are subject to change without notice

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Revisions History

Version Number	Description	Name
990611	Original, CEB12B05-3.1	Guo Jun
070410	RoHS compliant version, CEB12B05-3.1R	Guo Jun

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