

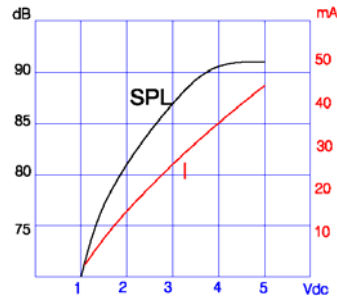
Description

Chinasound Electro-magnetic Buzzer 12mm diameter, type A (=9.5mm height), 03VDC rated voltage - 2.3KHz resonant frequency, RoHS compliant

◆ RoHS compliant

- ◆ Small size
- ◆ Flame Retardant Plastic
- ◆ Washable if with washable label

Picture



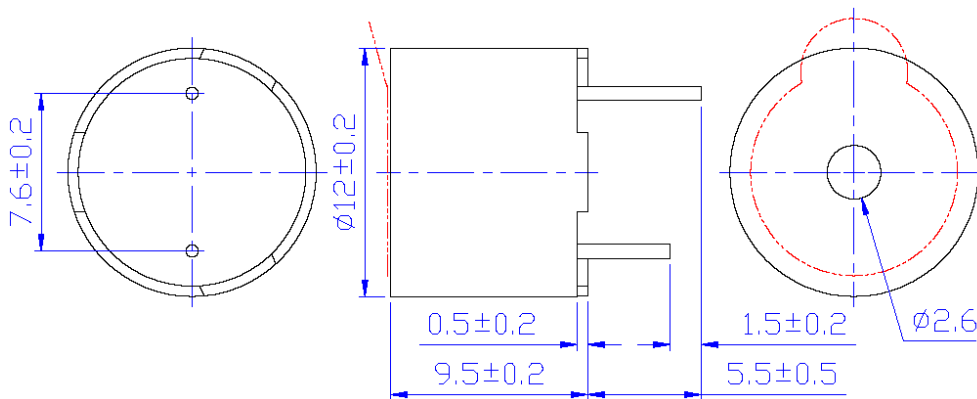
Specification

<p>Rated Voltage Operating Voltage Rated Current Sound Output Operating Frequency Operating Temperature Storage Temperature Termination Construction Materials Weight (Typical) Reliability</p>	<p>Description Termination Strength Case Diaphragm *Life Test *High Temperature *Low Temperature *Humidity *Thermal Shock *Vibration *Shock *Drop Test *Soldering Heat Resistance **Solderability</p>	<p>3 VDC 2 ~ 5 VDC 30 mA max. at 3 VDC 25 °C 85dB min. at 3 VDC, 10cm 25 °C 2,300+/-300Hz -30 °C to +85 °C -40 °C to +90 °C 2 soldering pins, Sn plated Brass 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 1.7 g At 3 VDC in room temperature continuously 1 min ON, 4 min. OFF 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/s² (=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.</p>
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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)



CEB12A03-2.3R: without washable label; CEB12A03-2.3-1R: with washable label

All specifications are subject to change without notice

Composed by: Guo J/060911 Checked by: Gong YS, Zhu YC/060911 Approved by: Wang Z/060911



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Revisions History

Version Number	Description	Name
000424	Original, CEB12A03-2.3	Guo Jun
060911	RoHS compliant version, CEB12A03-2.3R	Guo Jun

Composed by: Guo J/060911 Checked by: Gong YS, Zhu YC/060911 Approved by: Wang Z/060911

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