

Description

CSEB10A12-2.7F:

Chinasound SMD Electro-magnetic Buzzer 9.6mm (<10mm) diameter, type A(=5mm height), 12VDC rated voltage - 2.7KHz resonant frequency, lead Free solderable and RoHS compliance

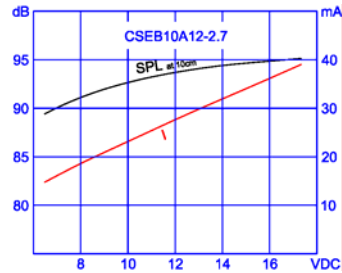
◆ **RoHS compliance**

- ◆ Small size
- ◆ Flame Retardant Plastic
- ◆ Lead Free Reflowing Solderable

Picture



Characteristics



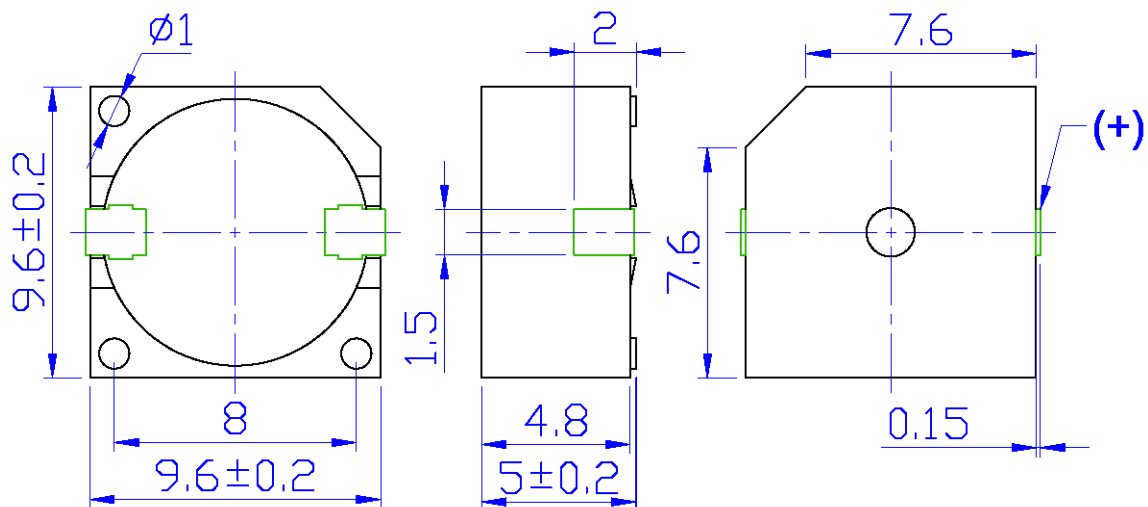
Specification

Rated Voltage	12 VDC
Operating Voltage	8 ~ 15 VDC
Rated Current	30 mA max. at 12 VDC
Sound Output	85dB min. at 12 VDC, 10cm
Operating Frequency	2700+/-300Hz
Operating Temperature	-30 °C to +85 °C
Storage Temperature	-40 °C to +90 °C
Termination	2 soldering pads, Sn plated Brass
Construction Materials	Maximum of 9.8N load pull test, applied to each terminal in axial direction for 10 seconds
Weight (Typical)	Plastic, PPS A7-03A
Reliability	Ni Alloy Disc N50
	1.0 g
	At 12 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
	Samples put through reflowing soldering oven 2 twice
	Samples put on PCB with solder paste through reflowing soldering oven 1 times
	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)

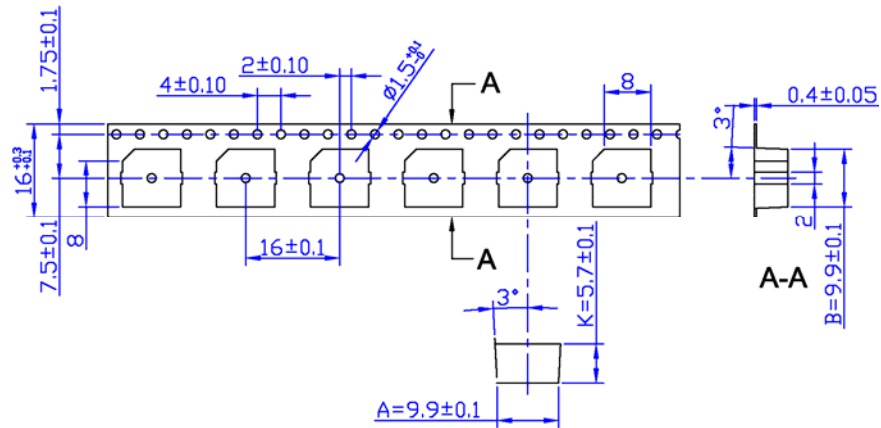
Dimensions (Unit: mm)



All specifications are subject to change without notice

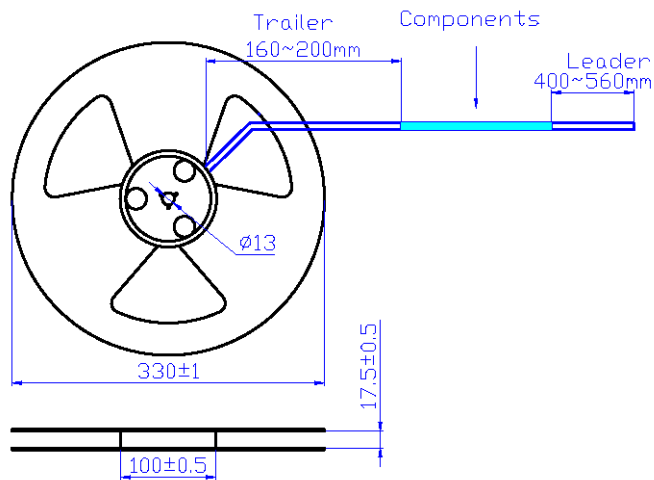


Tape & Reel Dimensions (Unit:mm)

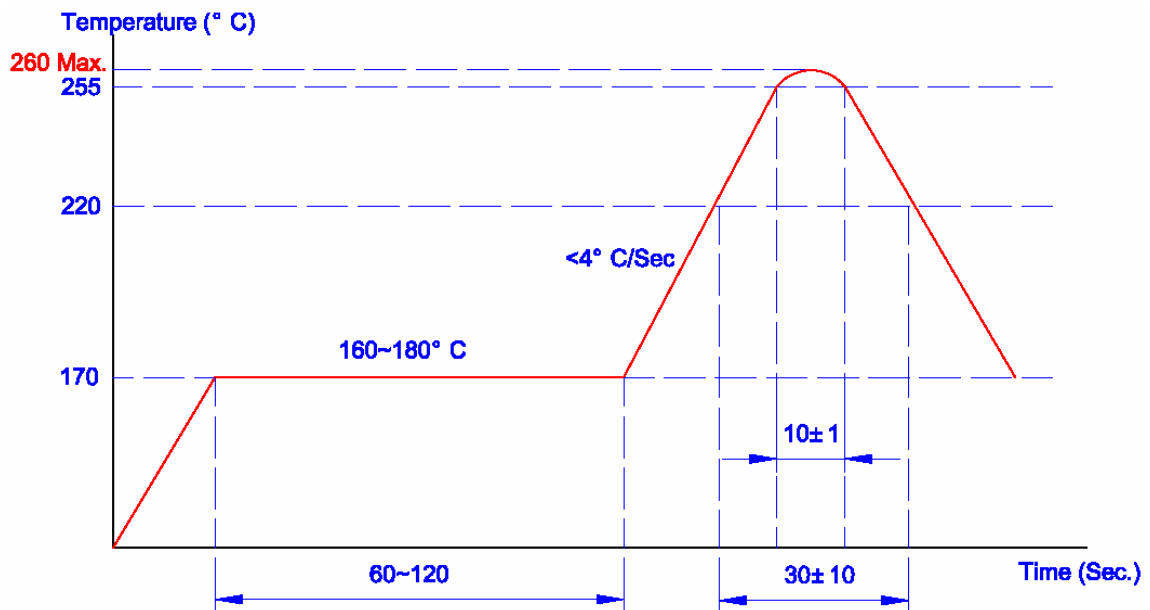


NOTE:

1. 10 sprocket hole pitch cumulative tolerance ± 0.20 mm.
2. Carrier camber not to exceed 1 mm in 100 mm.
3. All dimensions meet EIA-481-2-A requirements.
4. Thickness: 0.40 ± 0.05 mm.
5. Component loaded per 13" reel: 750 pcs.



Recommend Reflowing Profile



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