SPECIFICATIONS SHEET FOR APPROVAL

MAGNETIC BUZZER
P/N: MB1275A05NP

DESCRIPTION: D12mm, H7.5mm Magnetic Buzzer, 2300Hz, 5V, 83dB at 10cm

VERSION: 02

DATE: 28-Feb-08

REVISIONS

VERSION	DESCRIPTION	DATE
01	Released from engineering	11-Nov-07
02	Changed specifications sheet format	28-Feb-08

APPROVED BY :

CUSTOMER NAME :
DATE :

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SPECIFICATIONS SHEET

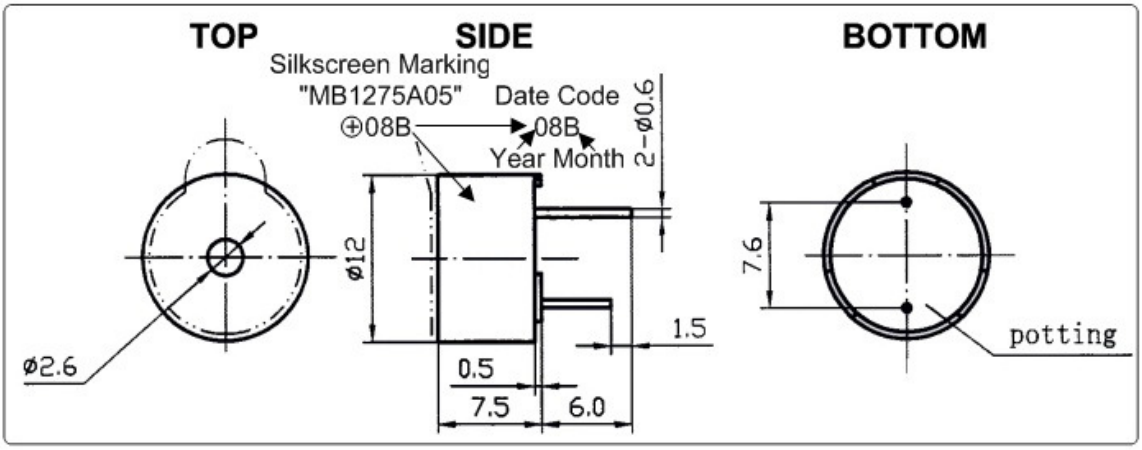
MAGNETIC BUZZER
P/N: MB1275A05NP

1. SPECIFICATIONS

PARAMETERS	VALUES	UNITS
*MIN SOUND PRESSURE LEVEL AT 10 CM	83	dB
RATED VOLTAGE	5	Vdc
OPERATING VOLTAGE	3 - 7	Vdc
RESONANCE FREQUENCY	2,300 ± 300	Hz
*MAX OPERATING CURRENT	30	mA
OPERATING TEMPERATURE	-20 to +70	℃
STORAGE TEMPERATURE	-30 to +75	℃
HOUSING	NORYL	-
WEIGHT	2	g

*Value applying rated voltage

2. DIMENSIONS (unit in mm)



Tolerance: ±0.5mm except specified

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All specifications subject to change without notice

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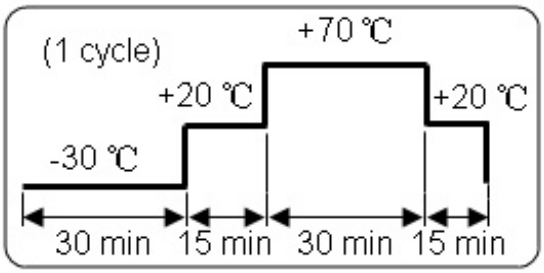
3. RELIABILITY TEST

a) HIGH TEMPERATURE TEST
After exposure at +75 ± 2℃ for 96 hours and room temperature for 2 hours,the value of frequency/current/ SPL should meet specifications shown in page 2.

b) LOW TEMPERATURE TEST
After exposure at -30 ± 2℃ for 96 hours and room temperature for 2 hours,the value of frequency/current/ SPL should meet specifications shown in page 2.

c) HUMIDITY TEST
25 ± 2℃, 90-95%RH, 5hr=>up to 55 ± 2℃, 90-95%RH, 0.5hr =>55 ± 2℃, 90-95%RH, 5hr=>down to 25 ± 2℃, 90-95%RH, 0.5hr, 10 cycles

d) THERMAL SHOCK TEST



After exposure to above temperature cycle for 5 times and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

e) VIBRATION TEST
After vibrating the object with 1.5mm amplitude at 10 - 50 Hz in 3 perpendicular directions for 2 hours each, the value of frequency/current/SPL should meet specifications shown in page 2.

f) DROP TEST
After Dropping naturally from 700mm height onto the surface of 10mm wooden board with 3 directions,the value of frequency/current/SPL should meet specifications shown in page 2.

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