
SPECIFICATIONS SHEET FOR APPROVAL

MAGNETIC BUZZER

P/N: MB1275B06NP

DESCRIPTION: D12mm, H7.5mm Magnetic Buzzer, 3100Hz, 6V, 85dB
at 10cm, RoHS Compliance (Directive 2002/95/EC)

VERSION: 01DATE: 1-Apr-12

REVISIONS

VERSION	DESCRIPTION	DATE
01	Released from engineering	1-Apr-12

APPROVED BY :

CUSTOMER NAME :**DATE :**

SPECIFICATIONS SHEET

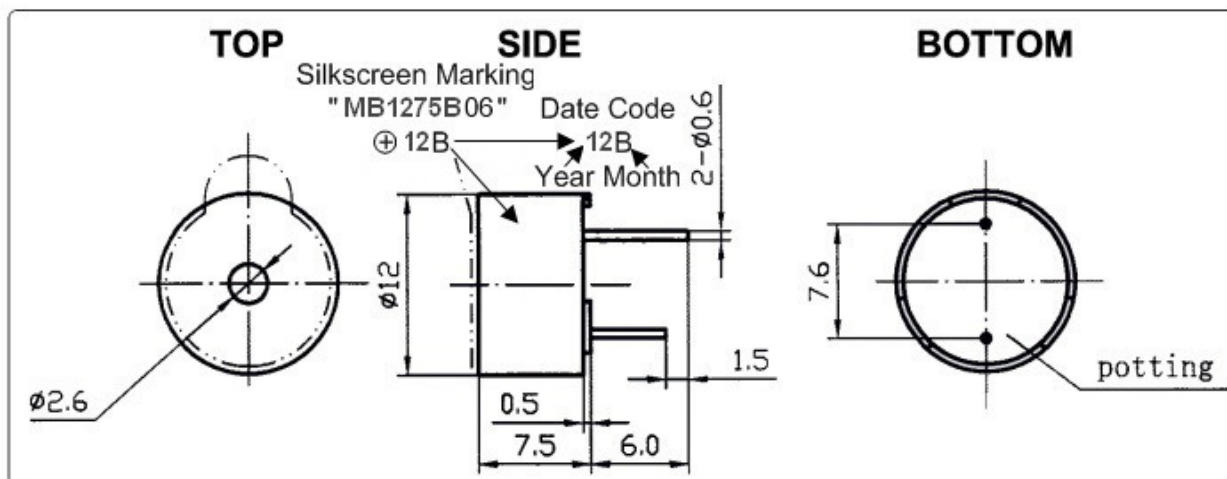
MAGNETIC BUZZER
P/N: MB1275B06NP

1. SPECIFICATIONS

PARAMETERS	VALUES	UNITS
*MIN SOUND PRESSURE LEVEL AT 10 CM	85	dB
RATED VOLTAGE	06	Vdc
OPERATING VOLTAGE	3 – 8	Vdc
RESONANCE FREQUENCY	3,100 ± 300	Hz
*MAX OPERATING CURRENT	30	mA
OPERATING TEMPERATURE	-20 to +70	°C
STORAGE TEMPERATURE	-30 to +75	°C
HOUSING	NORYL	-
WEIGHT	2	g

*Value applying rated voltage

2. DIMENSIONS (unit in mm)



Tolerance: ± 0.5 mm except specified

VERSION: 01
DATE: 1-Apr-12

All specifications subject to change without notice

3. RELIABILITY TEST

a) HIGH TEMPERATURE TEST

After exposure at $+70 \pm 2^\circ\text{C}$ for 96 hours and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

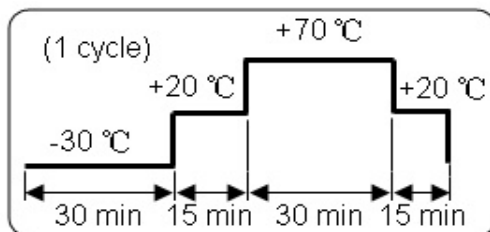
b) LOW TEMPERATURE TEST

After exposure at $-20 \pm 2^\circ\text{C}$ 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

$25 \pm 2^\circ\text{C}$, 90-95%RH, 5hr $\Rightarrow$ up to $55 \pm 2^\circ\text{C}$, 90-95%RH, 0.5hr $\Rightarrow$ $55 \pm 2^\circ\text{C}$, 90-95%RH, 5hr $\Rightarrow$ down to $25 \pm 2^\circ\text{C}$, 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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