

BMI 1606PWL A

MAGNETIC BUZZER

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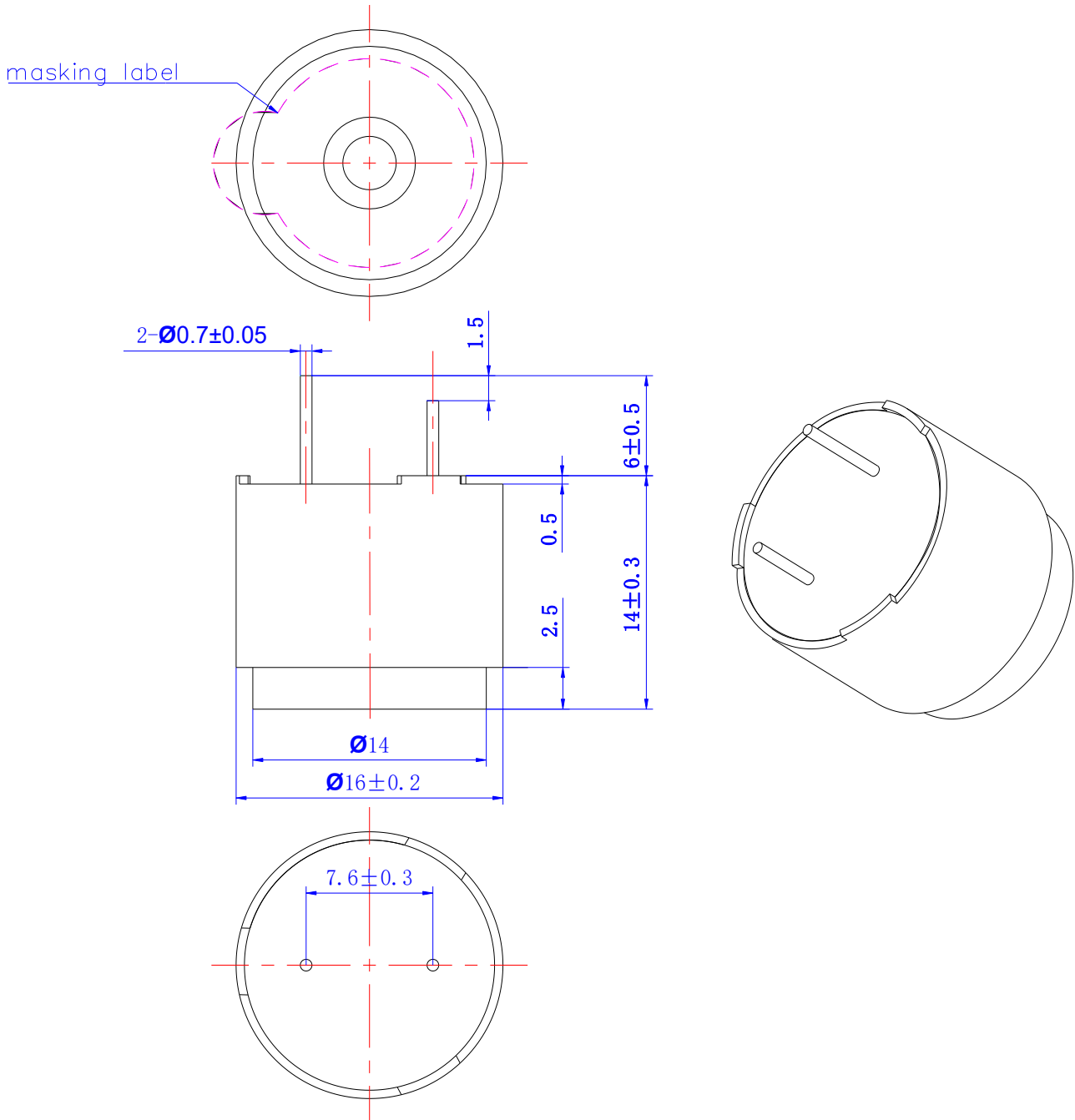


1. SPECIFICATIONS

Parameter	Unit	Conditions / Description	MIN	TYP	MAX
Operating Voltage	V _{DC}		4		8
Rated Voltage	V _{DC}			6	
SPL	dB(A)	At rated voltage, in 0.1m distance	85		
Rated Current	mA	At rated voltage			30
Resonance Frequency	Hz	At rated voltage	2.000	2.300	2.600
Response Time	ms	At minimum operating voltage			50
Contact				PIN	
Packaging				TRAY	
Operating Temperature	C°		-30		+85
Storage Temperature	C°		-40		+85
Weight	g			7	

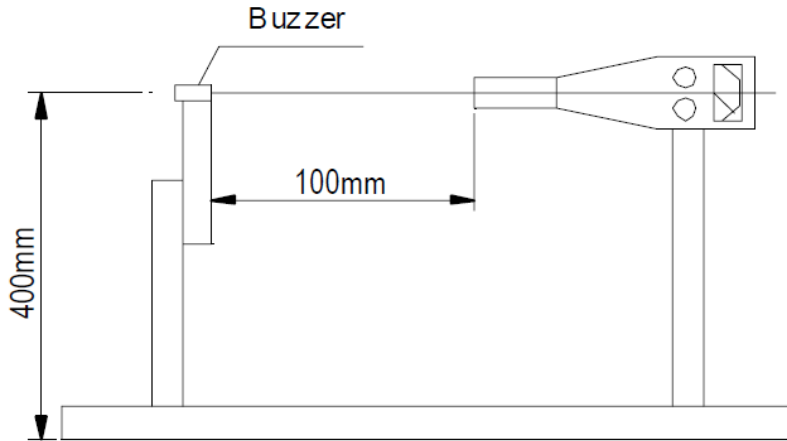
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RELEASED BY	Ralf Hinnerichs	DATE	2009.08.14				
CHANGED BY	Christopher Pagel	DATE	2019.07.22				
DRAWING NO.	402985641						

2. DRAWING



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3. TEST METHOD



4. RELIABILITY TEST

4.1 High temperature test

Temperature +85°C
Duration 96 hours

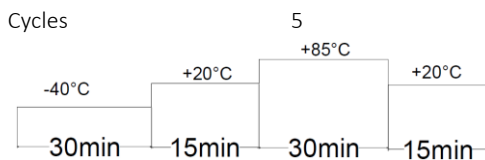
4.2 Low temperature test

Temperature -40°C
Duration 96 hours

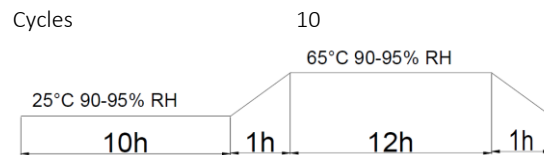
4.3 Life Test in normal temperature

Power supply Rated voltage
Duration 1.000 hours

4.4 Temperature cycle test



4.5 Humidity cycle test



All these tests above should be measured after leaving normal temperature for 2 hours.

4.6 Drop Test

Height 100cm (to 10mm thick wooden board)
Direction 3

4.7 Solderability test

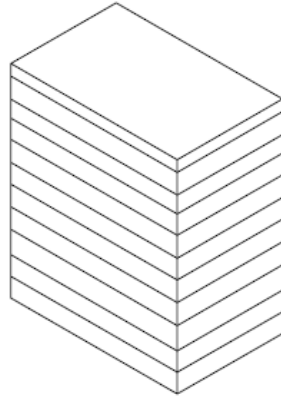
Solderability temperature 255°C
Heat applying time 3 seconds

Notice: All specification must be satisfied in this condition except SPL. SPL shall be 80dB or more.

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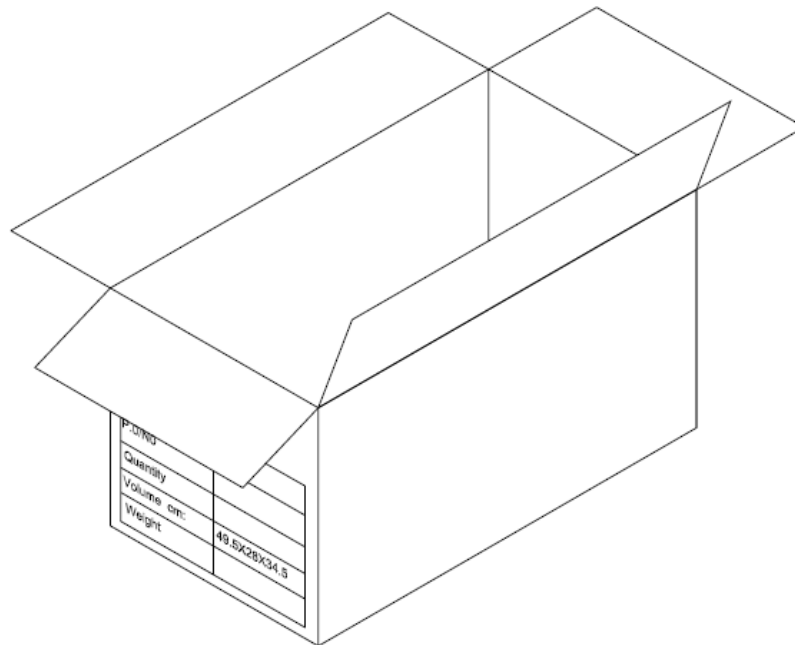
5. PACKING

5.1 PACKING DRAWING



5.2 PACKING QUANTITY

50pcs per tray
40 trays per carton
2.000 pcs per carton in total
Carton size: 49.5x28x34.5cm



6. HISTORY CHANGE RECORD

No.	CHANGE ITEMS		DATE
	BEFORE CHANGE	AFTER CHANGE	
1	Old layout	New layout	2019.07.22

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