

Electro Mechanical Buzzer

4-8Vp-p, 85dB PCB pins

multicompPRO



Specifications

Rated Voltage (Square Wave)	: 6V
Operating Voltage	: 4V to 8V
Rated Current (Max.)	: 40mA
Min. Sound Output at 10cm	: 85dB
Resonant Frequency	: 2048Hz
Coil Resistance	: $50\Omega \pm 5\%$
Tab Material	: Brass
Operating Temperature	: -30°C to $+70^{\circ}\text{C}$
Storage Temperature	: -40°C to $+85^{\circ}\text{C}$
Weight	: 5g
Housing Material	: NORYL
Lead Pin Material	: Red Copper (DSn)

Measuring Method (Buzzer Mode)

Test Condition

Standard

Temperature	: $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$
Relative Humidity	: 60% ~ 70%
Atmospheric Pressure	: 860mbar to 1060mbar

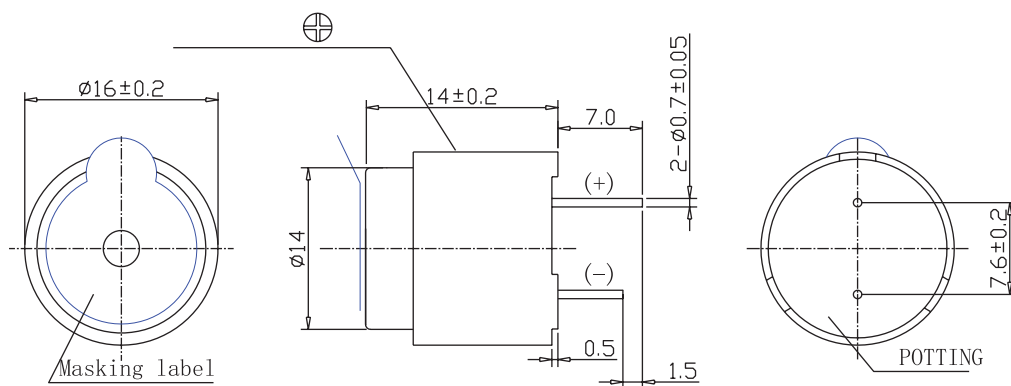
Judgement

Temperature	: $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$
Relative Humidity	: 45% ~ 85%
Atmospheric Pressure	: 860mbar to 1060mbar.

Standard Test Fixture

Rated Voltage	: 6V
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Diagram

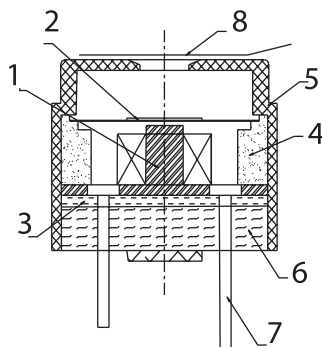


Dimensions : Millimetres
Tolerance: $\pm 0.5\text{mm}$

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No.	Part Name	Material	Qty.
1	Coil Part	Copper and Iron	1
2	Diaphragm	Iron	
3	PCB	FR	
4	Magnet	Plastic magnetism	
5	Housing	NORYL	
6	Potting	Epoxy	-
7	Pin	Red Copper (DSn)	2
8	Masking label	Paper	1

Part Number Table

Description	Part Number
Electro Mechanical Buzzer, 4-8Vp-p, 85dB PCB pins	ABT-416-RC

Dimensions : Millimetres
Tolerance: $\pm 0.5\text{mm}$

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