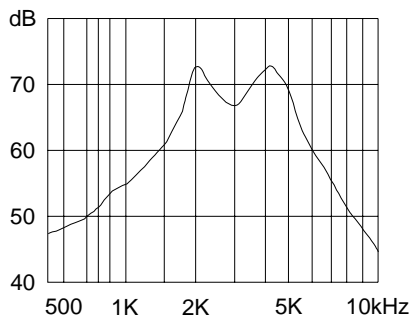
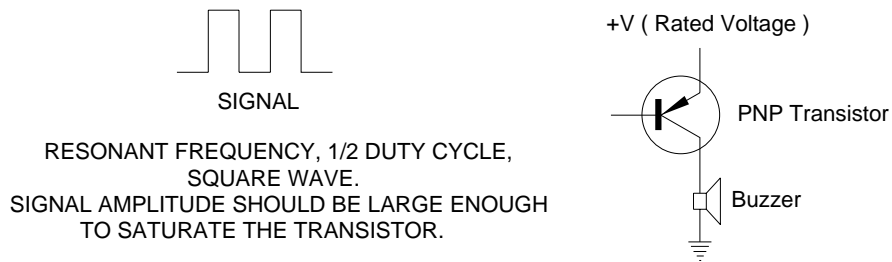


### RECOMMENDED DRIVING CIRCUIT



THE FREQUENCY CURVE AT 1.5 VOLTS. 1/2 RATIO OF SQUARE WAVE AND DISTANCE BETWEEN 10 cm.

### SPECIFICATION

| SPECIFICATION        |  |
|----------------------|--|
| MAGNET BUZZER        | Model 12NP135C   |
| DIMENSIONS           | Refer drawing above. Weight 1.4 Grams.   |
| COIL RESISTANCE (DC) | $50 \pm 7.5$ Ohm Tested by Digital Multimeter  |
| RESONANT FREQUENCY   | 2048 Hz $\pm 150$ Hz   |
| VOLTAGE RATING       | Rated Voltage: 1.5 Volts. Operating Voltage 1.0 to 2.0 Volts.                              |
| SOUND OUTPUT         | Minimum 70 dB Measured at 10cm rated voltage input. 1/2 duty cycle, square wave at 2048 Hz |
| CURRENT CONSUMPTION  | Maximum 10 mA. With 1.0 Ohm resistor series, 2048 Hz. 1/2 duty cycle, square wave.         |
| STORAGE TEMPERATURE  | $-30^{\circ}\text{C}$ to $+70^{\circ}\text{C}$   |
| LOAD TEST            | After 96 hours actual continuous operation, no abnormality shall exist.                    |
| POLARITY             | Mark '+' should connect to power supply positive end.                                      |
| LEAD TEMPERATURE     | Less than 10 seconds: $260^{\circ}\text{C}$  |