Round buzzer with pins

13.7 x 7 mm

CC13M07P8-2650

Revision

Date	Version	Status	Changes	Approver
2017/03/30	V0.1	Draft	First release	LC

A. Scope

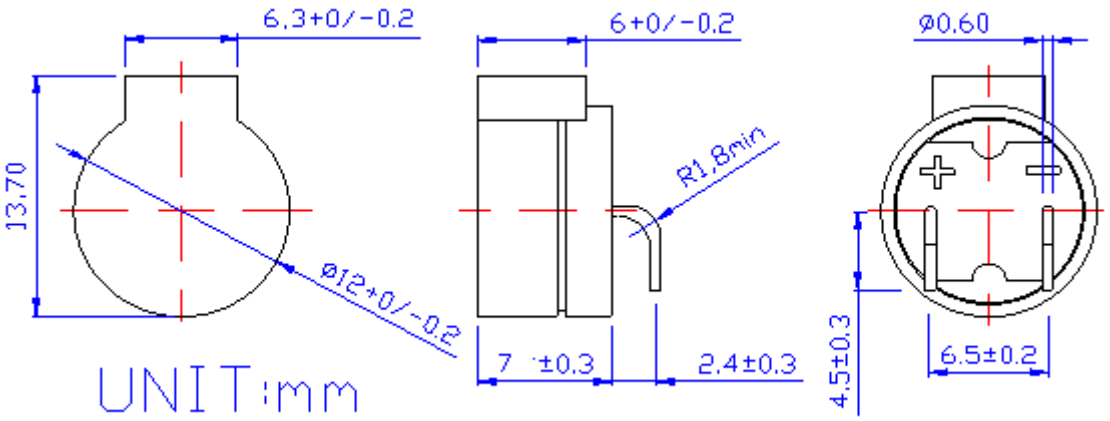
This specification applies magnetic buzzer

B. Specification

No.	Item	Unit	Specification	Condition
1	Oscillation Frequency	Hz	2650	
2	Operating Voltage	Vo-p	1-3	
3	Rated Voltage	Vo-p	1.5	
4	COIL RESISTANCE	Ω	6.5±1	
5	Current Consumption	mA	MAX. 70	at Rated Voltage
6	Sound Pressure Level	dB	MIN. 85	at 10cm at Rated Voltage
7	Operating Temperature	℃	-20~ +60	
8	Storage Temperature	℃	-30 ~ +70	
9	Dimension	mm	Φ12 x H7.0	See appearance drawing
10	Housing Material		PPO(Black)	
11	Environmental Protection Regulation		RoHS	

C. Appearance drawing

Tol : ± 0.5 **Unit: mm**

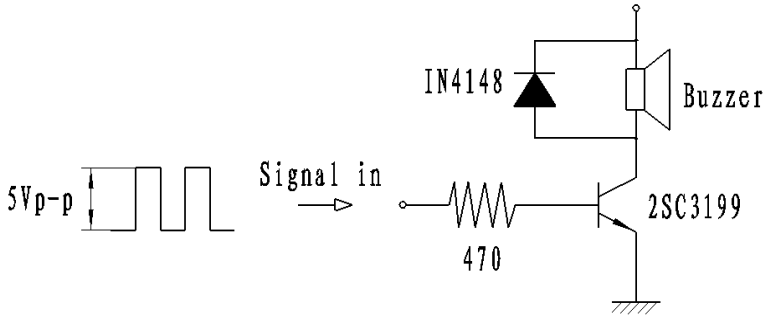


D. Testing method

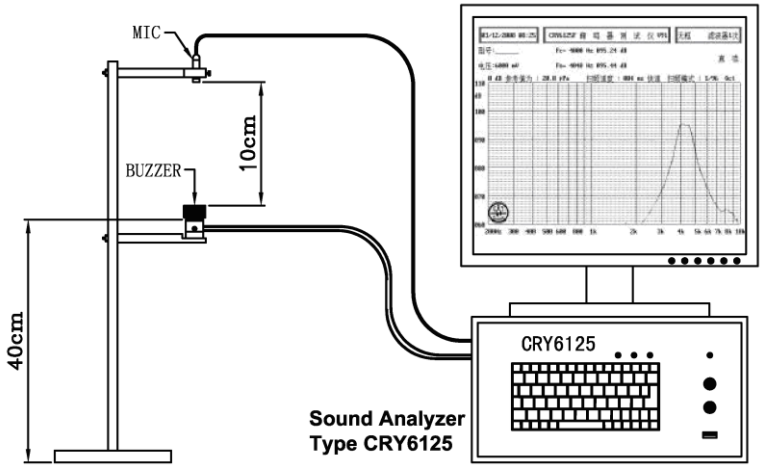
Standard Measurement conditions

Temperature:25±2℃ Humidity:45-65%

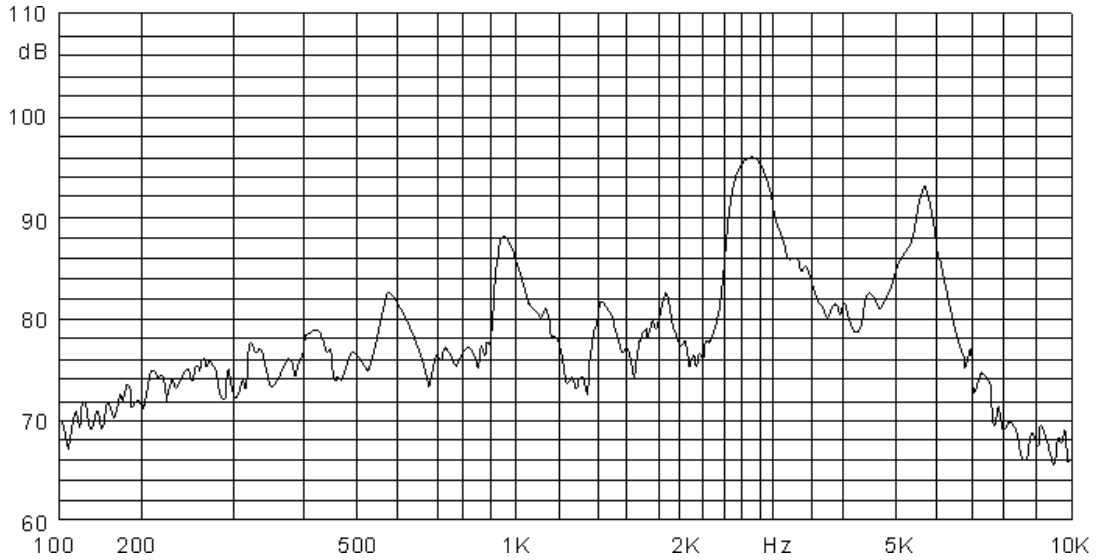
Recommended Setting



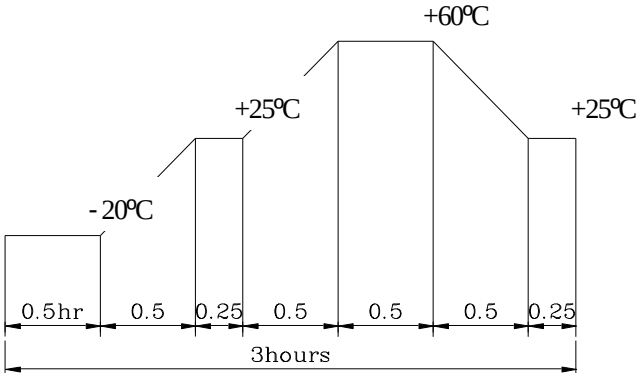
Recommended Test Circuit



E. Typical Frequency Response Curve



F. Reliability test

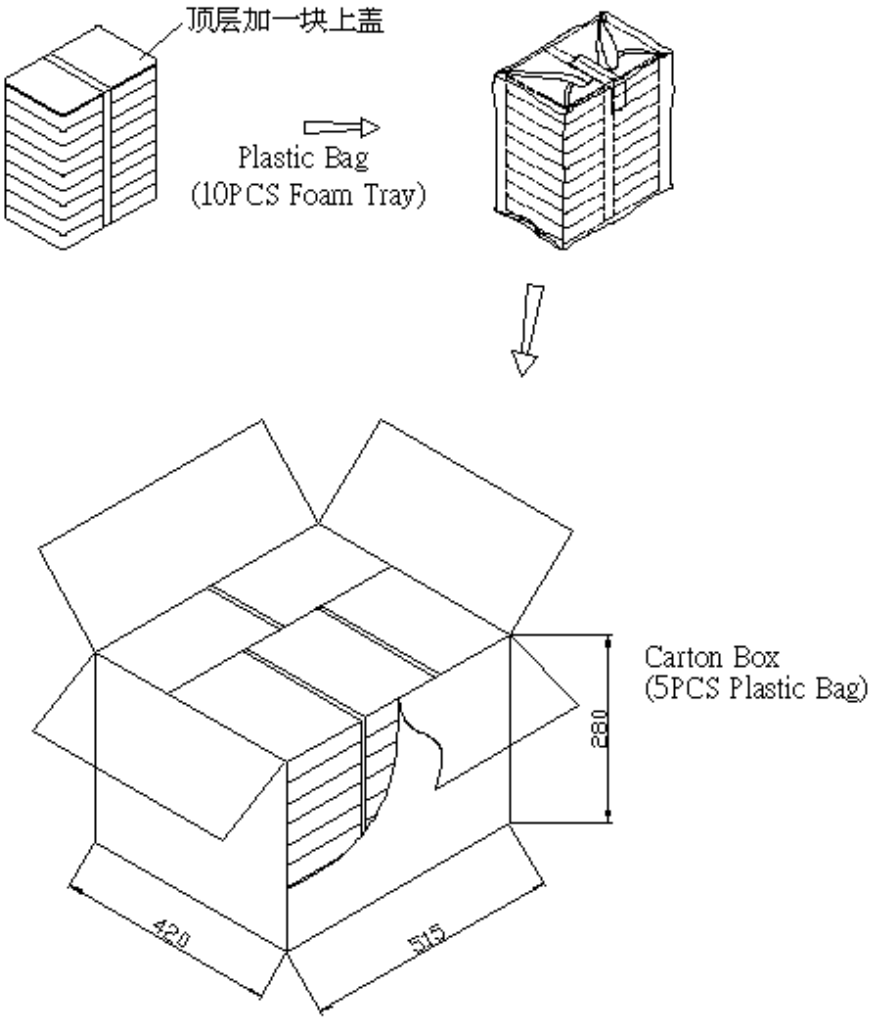
NO.	ITEM	TEST CONDITION AND REQUIREMENT
1	High Temperature Test (Storage)	After being placed in a chamber with 70±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
2	Low Temperature Test (Storage)	After being Placed in a chamber with -30±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
3	Humidity Test	After being Placed in a chamber with 90-95% R.H. at 40±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
4	Temperature Cycle Test	The part shall be subjected to 5 cycles. One cycle shall be consist of：  Allowable variation of SPL after test: ±10dB.
5	Drop Test	Drop on a hard wood board of 4cm thick, any directions ,6 times, at the height of 75cm . Allowable variation of SPL after test: ±10dB.
6	Vibration Test	After being applied vibration of amplitude of 1.5mm with 10 to 55 Hz band of vibration frequency to each of 3 perpendicular directions for 2 hours . Allowable variation of SPL after test: ±10dB.
7	Solderability Test	Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +300±5ºC for 3±1 seconds . 90% min. lead terminals shall be wet with solder (Except the edge of terminals).
8	Terminal Strength Pulling Test	The force of 9.8N(1.0kg) is applied to each terminal in axial direction for 10 seconds. No visible damage and cutting off.

TEST CONDITION.

Standard Test Condition :
a) Temperature : +5 ~ +35℃
b) Humidity : 45-85%
c) Pressure : 860-1060mbar

Judgment Test Condition :
a) Temperature : +25 ± 2℃
b) Humidity : 60-70% c
) Pressure : 860-1060mbar

G. Packing



Foam Tray	240mmx160mm	1x100PCS=100PCS
Plastic Bag		10x100PCS=1000PCS
Carton Box	420mmx515 mmx280mm	5x1000PCS=5000PCS