

Electrical and Acoustical Parameter

Rated Voltage (Vp-p) *	3.0
Operating Voltage (max. Vp-p)	25.0
Rated Current (mA) *	max. 5.0
Capacitance at 120Hz (nF±30%@120Hz)	16
Sound Pressure Level (min. dBA/10cm) *	75
Resonance Frequency (Hz±500)	4000

Remark:

* Value applied at Square wave, 4 kHz, 3V

Mechanical, Environmental Parameter

Contact / Wire	SMD
Operating Temperature (°C)	-30 to +85
Storage Temperature (°C)	-30 to +85
Material Housing	LCP
Color Housing	Black
Component Weight (g)	0.4

Remark:

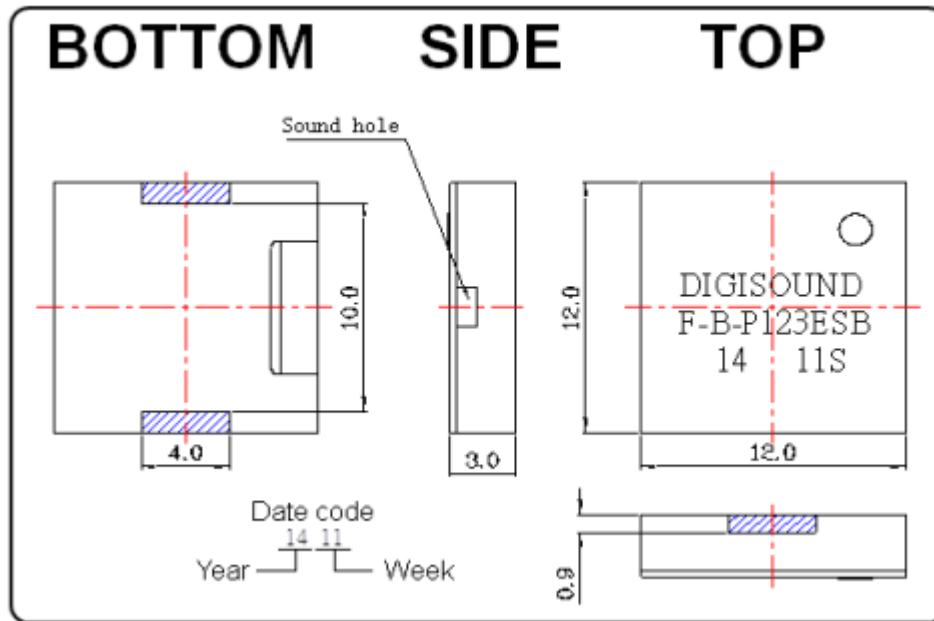
Approval

RoHs	<input checked="" type="checkbox"/>
UL	<input type="checkbox"/>

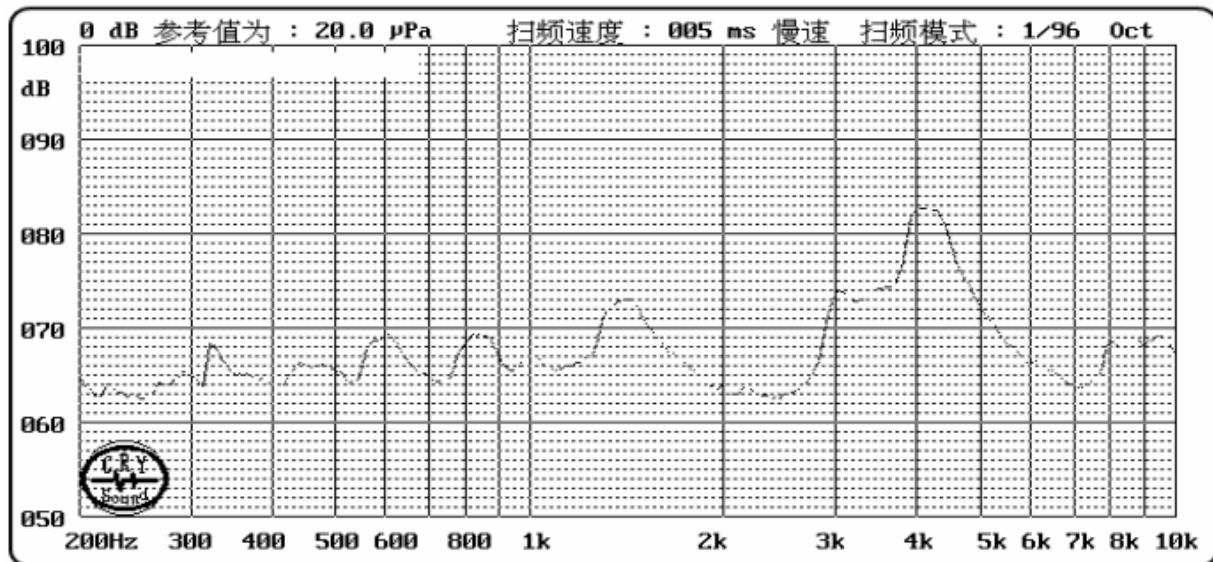
Designed by	MZ	11.02.2014	Dimensions without tolerance ±0.5mm	Index: 03	Current date
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Drawing of Component

Unit:mm

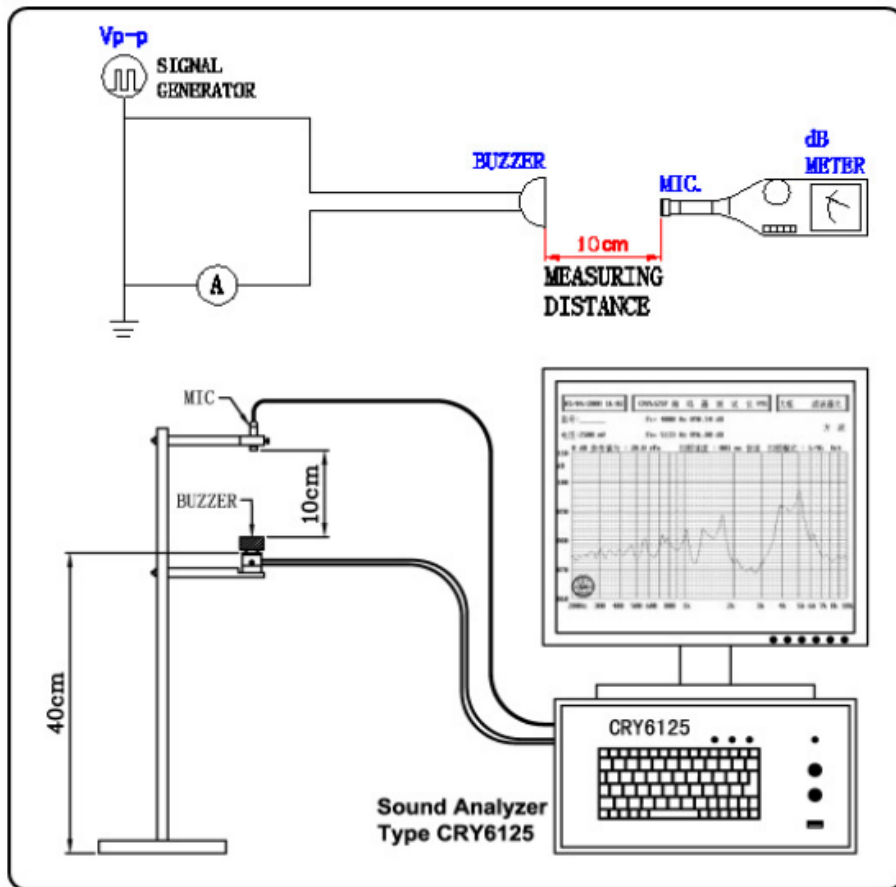


Frequency Response

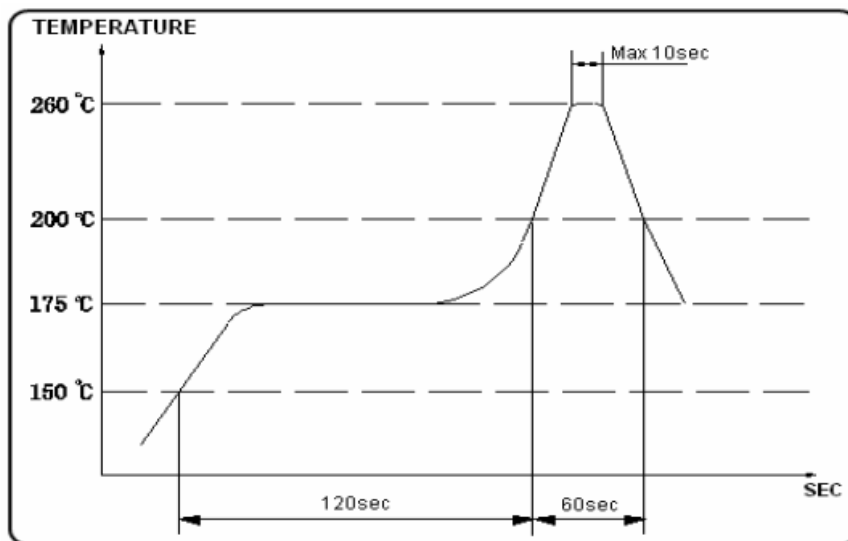


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Test Method



Recommended Solder Profile



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Reliability Test

1) Temperature Test

a) High Temperature

After being placed in a chamber with +85°C for 96 hours and then being placed in normal condition for 2 hours.

b) Low Temperature

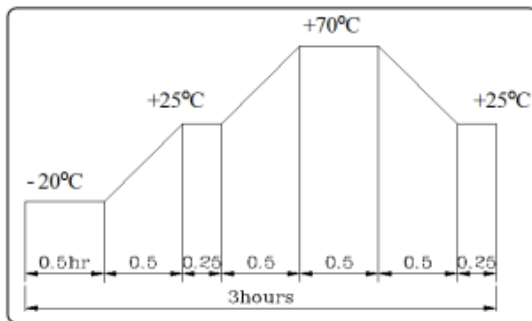
After being placed in a chamber with -30°C for 96 hours and then being placed in normal condition for 2 hours.

2) Humidity Test

After being Placed in a chamber with 90-95% R.H. at +40± 2°C C for 96hours and then being placed in normal condition for 2 hours.

3) Temperature Cycle Test

The part shall be subjected to 5 cycles. One cycle shall be consist of :



4) Drop Test

Drop on a hard wood board of 4cm thick, any directions ,6 times, at the height of 75cm .

5) 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 .

6) Solderability Test

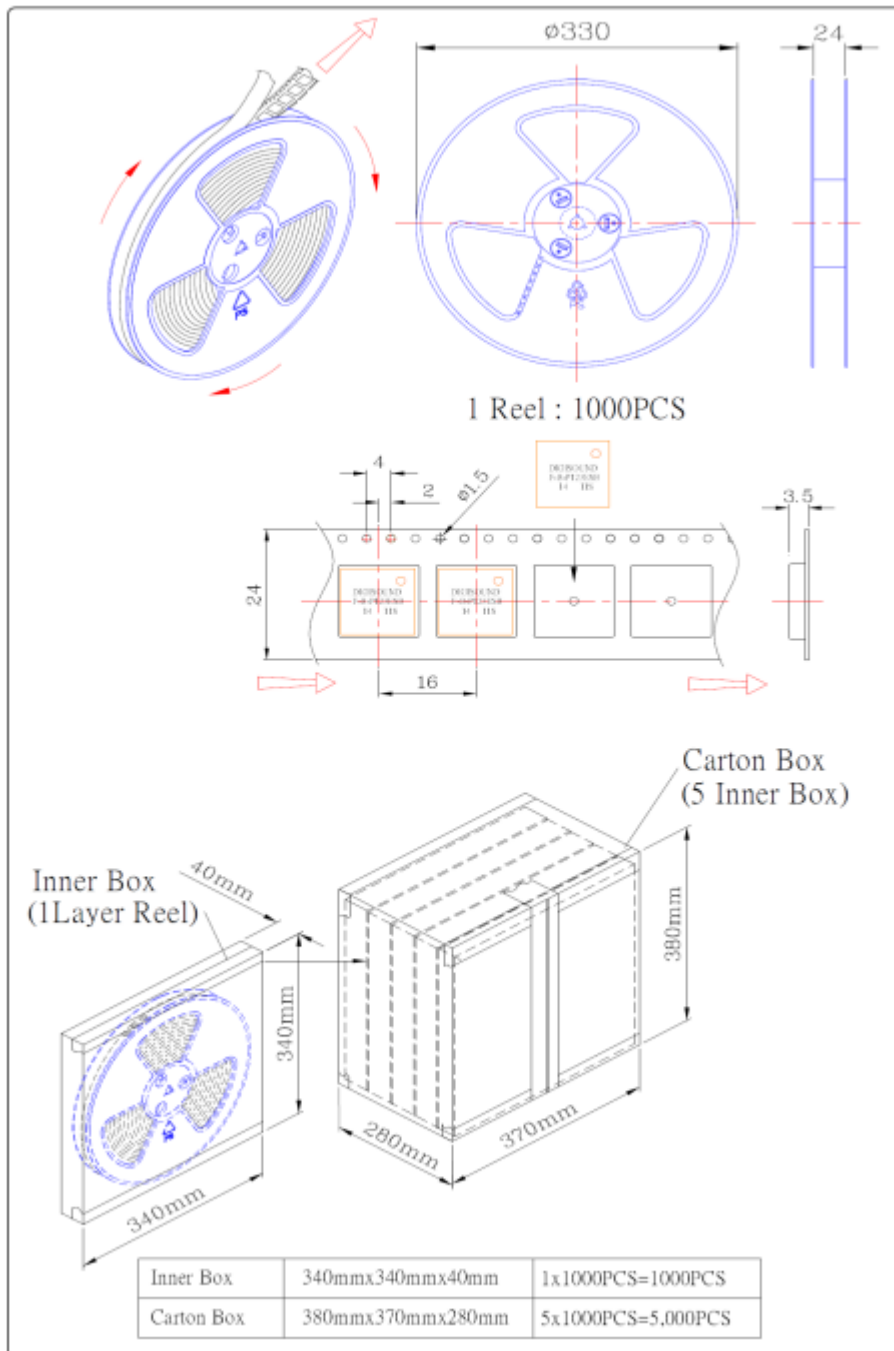
Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +300±5°C for 3±1 seconds . 90% min. lead terminals shall be wet with solder (Except the edge of terminals).

7) 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

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Packaging Information



Revision Table

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Index Nr.	Date Reason - Procedure Change description	Drawing Date	implementation	Comments
			LS-Nr.: Date	
1	Printing and Packaging	06.03.14	06.03.14	MZ
2	Dimensions and Packaging	07.04.14	07.04.14	MZ
3	Update reliability test 85°C	09.05.14	09.05.14	MZ

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