

Piezosignalgeber ohne Ansteuerung RMP-14P/FL
Art.-Nr.: 180010SA1

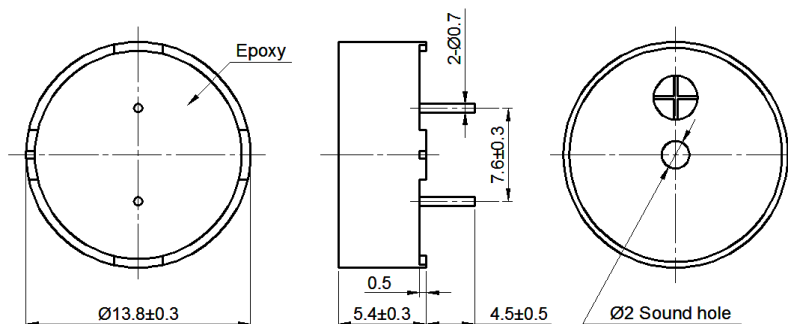
Specification :

| No. | Technical terms | Value |
|-----|----------------------------|-----------|
| 1 | Rated Voltage (Vp-p) | 5 |
| 2 | Max Input Voltage (Vp-p) | 30 |
| 3 | *Rated Current (mA) | ≤5 |
| 4 | Capacitance at 100Hz (pF) | 15000±30% |
| 5 | *Sound Output at 10cm (dB) | ≥80 |
| 6 | Resonance Frequency (Hz) | 4000±500 |
| 7 | Operating Temperature (°C) | -40~+85 |
| 8 | Storage Temperature (°C) | -40~+90 |
| 9 | Weight (g) | 0.7 |
| 10 | Housing Material | PPO |
| 11 | RoHS | Yes |

*Value applying at rated voltage , 4000 Hz, 1/2 duty , square wave
Test Basic State: Temp (20±2°C), Humidity(40~70%RH), Air pressure(860~1060hPa).

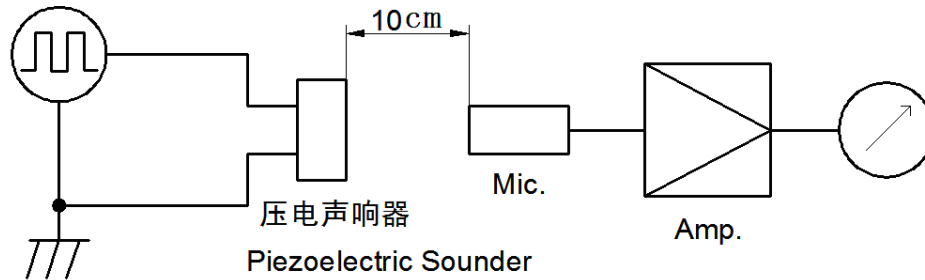
Dimensions :

(Unit : mm) Tolerance : ± 0,5mm Except Specified



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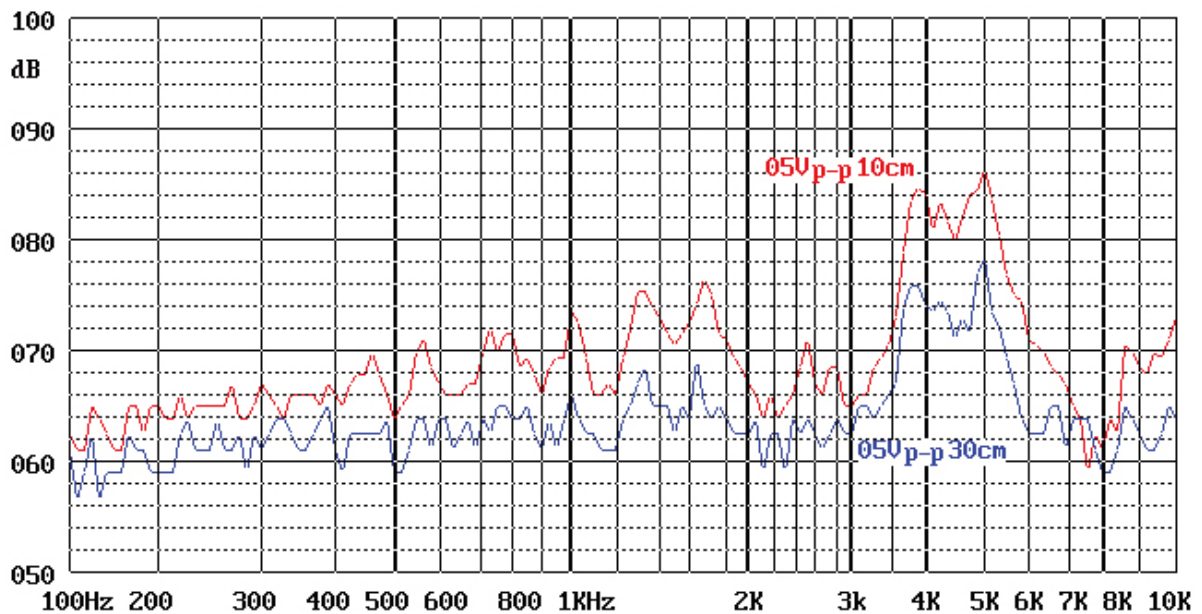
Test Method :



MIC: ND10 普通声级计或等同品
MIC: ND10 Sound Meter or equivalent

信号发生器: DF1641D或等同品
Signal Generator: DF1641D or equivalent

Frequency Response:



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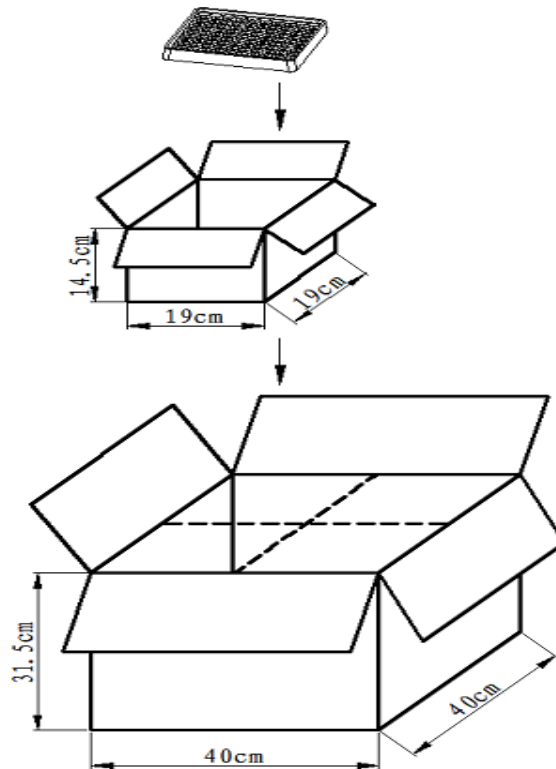
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Reliably Test :

| NO. | ITEM | TESTING CONDITION | VARIANCE AFTER TEST |
|-----|------------------------|---|---|
| 1 | Humidity | 40±2°C, 93(+2/-3)%RH, 96HRS | After being placed for 2 to 4hrs at room temp, the product shall meet specifications,except the SPL should be in ±10dB compared with initial one. |
| 2 | High temp. | +80±2°C, 96HRS | |
| 3 | Low temp. | -30±2°C, 96HRS | |
| 4 | Temperature cycling | -30±2°C, 30minutes room temp. 15 minutes +80±2°C, 30 minutes room temp. 15 minutes 5 cycles | |
| 5 | Drop test | 3 times from height of 70cm onto the surface of 10mm thick wooden board. | After the test part shall meet specifications,except the SPL should be in ±10dB compared with initial one. |
| 6 | Vibration test | Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then 55 to 10) under single amplitude of 1.0mm is 1 minute. | The SPL should meet specification. |
| 7 | Solder heat resistance | The part leads (pins) shall be immersed in molten solder maintained at 260±5°C for 10seconds. Refer to GB2423.28. | After the test part shall meet specifications without any degradation in appearance and performance. |

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Packing :



- NOTES:**
- 1.100 PCS per box
 2. Total 50 boxes per carton
 3. Total 5000 PCS carton
 4. Volume: 51.5x42x26cm