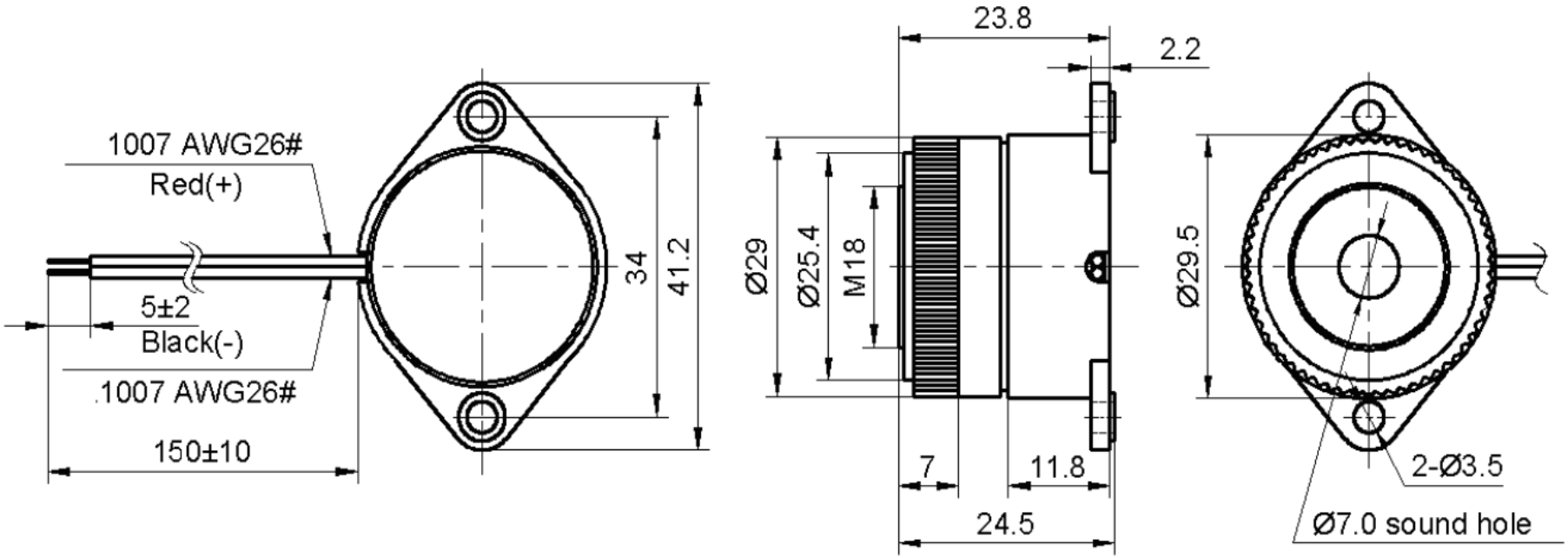
DWG. NO. BZ-4861-F REV. "-"

PART NO. REP-123003416RL

DIMENSIONS (UNIT: mm)

Tolerance: ±0.5mm Except Specified



Engineering Laboratory Specification

This specification is only used for SMD piezo transducer .

1 Rated Voltage (VDC) : 12	2 Operating Voltage (VDC) : 5～30
3 *Current Consumption (mA) : ≤15	4 *Sound Output at 30cm (dB) : ≥95
5 *Resonant Frequency (Hz) : 3500500	6 Tone : Pluse/15030 times
7 Operating Temperature (℃) : -20～+70	8 Storage Temperature (℃) : -30～+75
9 Weight (g) :12.8	10 Housing Material : ABS
11 RoHS : Yes	

*Value applying rated voltage (DC)

*Test Basic State: Temp(202℃),Humidity(40~70%RH),Air pressure(860~1060hPa).

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

PROJECTION

SCALE N/A

TOLERANCE EXCEPT AS NOTED

DEC. DIMENSION .XX±0.1 .XXX±0.05

ANG. ±5°

RDI Research Develop Innovate

RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco,NY 10549

TITLE: Piezo buzzer assembly, pulse tone, chassis mt, RoHS Compliant

DR.	DATE	REF.	SHEET
Tina	03/15/19	P/N: REP3024P-1501235NL	1 OF 2

CK.	PRE-	DRAWING NO.	SIZE	REV.
BM	BZ	4861	F	-

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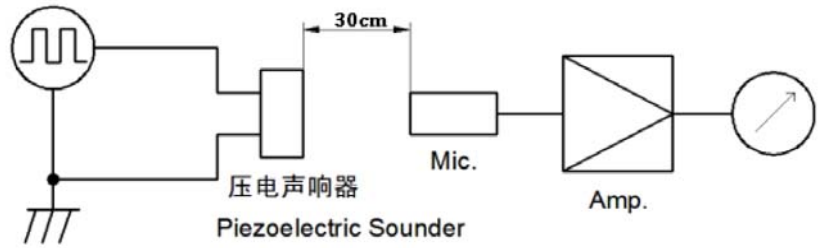
TEST METHOD:



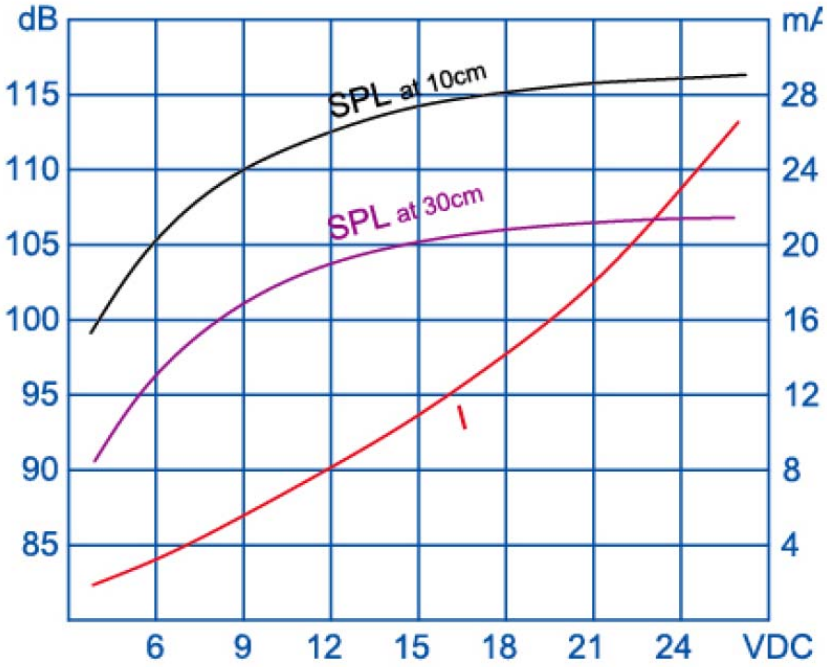
MIC: ND10 普通声级计或等同品
MIC: ND10 Sound Meter or equivalent

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

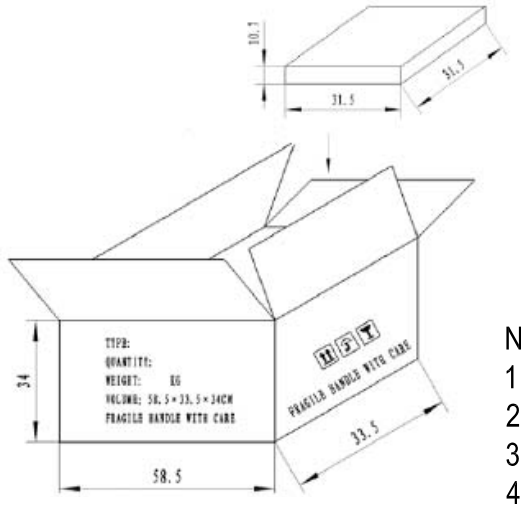
RELIABLY TEST :

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	405℃, 93(+2/-3)%RH, 96HRS	After being placed for 2 to 4hrs at room temp，the product shall meet specification,except the SPL should be in ±10dB compared with initial one.
2	High temp.	+802℃, 96HRS	
3	Low temp.	-302℃, 96HRS	
4	Temperature cycling	-302℃, 30minutes room temp. 15minutes +80±2℃, 30minutes room temp. 15minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the surface of 10mm thick wooden board.	
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 10mm is 1minute.	The SPL should meet specification.

SPL & Current Consumption vs. Input Voltage:



PACKING:



NOTES:
1. 100 PCS per box
2. Total 10 boxes per carton
3. Total 1000 PCS per carton
4. Volime : 58.5*33.5*34cm

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

PROJECTION

SCALE N/A

TOLERANCE EXCEPT AS NOTED

DEC. DIMENSION .XX±0.1 .XXX±0.05

ANG. ±5°

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RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco,NY 10549

TITLE: Piezo buzzer assembly, pulse tone, chassis mt, RoHS Compliant

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