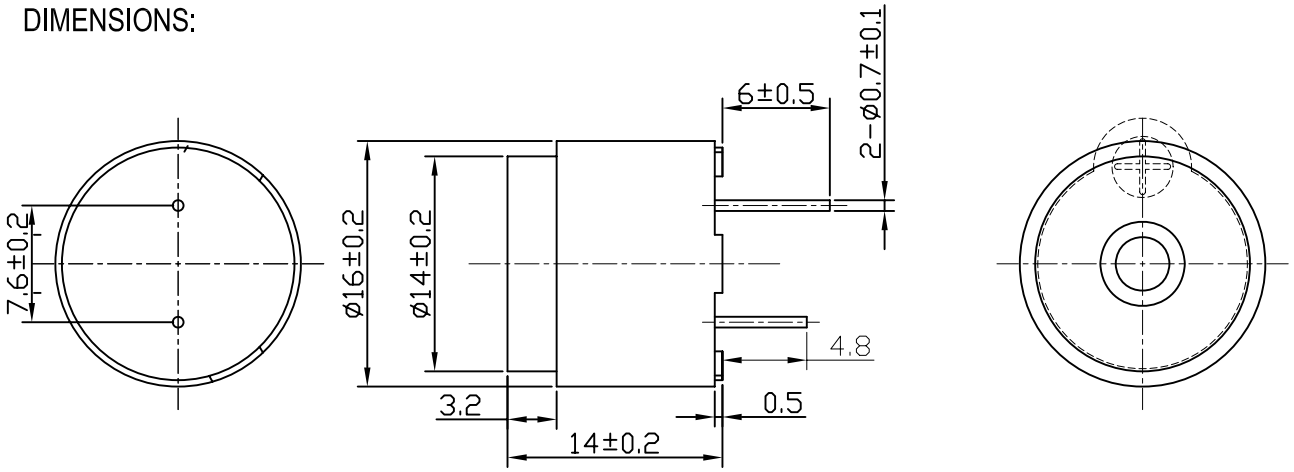
DWG. NO. BZ-2818-F REV. "B"

PART NO. DMT-1606-NL

DIMENSIONS:

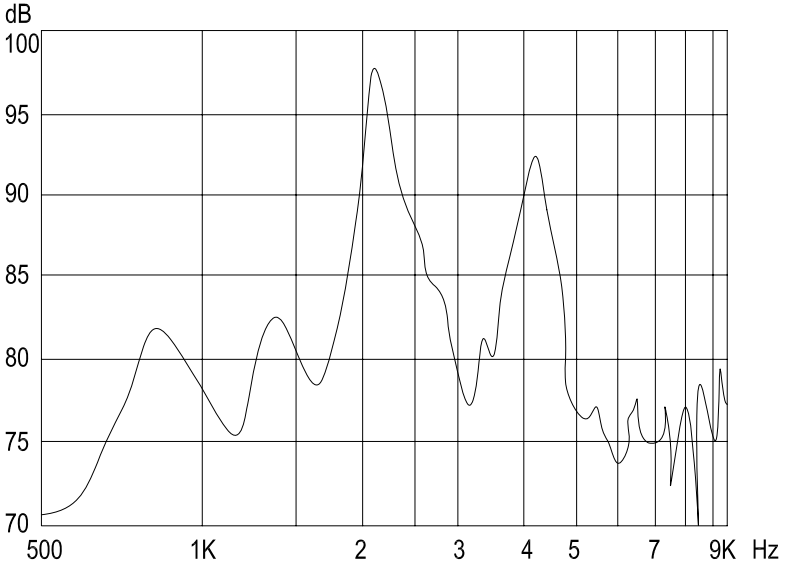


SPECIFICATIONS

TYPE	UNIT	DMT-1606-NL
◆MIN. SOUND OUTPUT AT 10cm	dB	85
RATED VOLTAGE	V_{O-P}	6
OPERATING VOLTAGE	V_{O-P}	4~9 B
RESONANT FREQUENCY	Hz	2048
◆MAX. CURRENT CONSUMPTION	mA	24 B
COIL RESISTANCE	Ohm	50± 5
◇COIL IMPEDANCE	Ohm	110
OPERATING TEMPERATURE	°C	-20 ~ + 70
STORAGE TEMPERATURE	°C	-30 ~ + 80
WEIGHT	g	7

◆VALUE APPLYING AT(RATED VOLTAGE,2400Hz,1/2 DUTY SQUARE WAVE
◇VALUE APPLYING AT(2400Hz,SINE WAVE, MEASURING CURRENT 60uA)

FREQUENCY RESPONSE:



NOTE:
1. CASE: NORY1 BLACK
   PIN: TIN-PLATED COPPER
2. ALL DIMS ARE IN mm.

SPECIFICATION ELECTROMAGNETIC BUZZER

1. SCOPE

THESE SPECIFICATIONS APPLIED TO THE ABOVE MENTIONED ELECTROMAGNETIC TRANSDUCER.

2. MECHANICAL CHARACTERISTICS

2-1 EXTERNAL DIMENSION

THE EXTERNAL DIMENSION, INDICATION ARE AS SHOWN IN DRAWING SHEETS.

2-2 APPEARANCES

THE FINISHING SHALL NOT BE ACCOMPANIED BY REMARKABLE RUST,DISTORTION,CREAK, ETC.

2-3 TENSILE STRENGTH OF TERMINAL PINS

EACH TERMINAL PIN SHALL BE NO ABNORMALITY WHEN THE EQUIPMENT IS PROPERLY FIXED AND 1kg OF LOAD IS GIVEN FOR 30±5 SECONDS IN AXIS DIRECTION OF TERMINAL.

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY
13-085	10/11/13	B	REVISED THE VIEW AND ADD SPECIFICATION	VF	TL
08-231	06/20/08	A	REVISED THE OPERATING VOLTAGE 2~12V TO 4~8V	BM	JY

PROJECTION

SCALE 2:1

TOLERANCE EXCEPT AS NOTED

DEC. INCHES N/A

DEC. MILLIMETERS N/A

ANG. N/A

RDI Research Develop Innovate

RDI, Inc. 400 Columbus Avenue Valhalla, NY 10595

TITLE 16mm AUDIO BUZZER-RoHS COMPLIANT

DR.	DATE	REF.	SHEET
Jin	05/04/06	P/N: DMT-1606-NL	1 OF 2

CK.	PRE-	DRAWING NO.	SIZE	REV.
JY	BZ	2818	F	B

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3.ELECTRICAL CHARACTERISTICS(AT 25℃)

3-1	OPERATING VOLTAGE	V0-p	4～9
3-2	RATED VOLTAGE	V0-p	6
3-3	RESONANT FREQUENCY	Hz	2048
3-4	RATED CURRENT	mA	40
3-5	SOUND PRESSURE LEVEL	dB	85
3-6	COIL RESISTANCE	Ω	50±5
3-7	COIL IMPEDANCE	Ω	110
3-8	OPERATING TEMPERATURE	℃	-20 +70
3-9	STORAGE TEMPERATURE	℃	-30 +80

4. RELIABILITY TEST

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
4-1	HUMIDITY	55±5℃,95±3%RH 96HRS	
4-2	HIGH TEMP.	+80±2℃,96HRS	
4-3	LOW TEMP	-30±2℃,96HRS	SOUND PRESSURE LEVEL INITIAL VALUE±10%
4-4	TEMPERATURE CYCLING	-30±2℃ 30 MINUTES ROOM TEMP. 10 MINUTES +80±2℃ 30 MINUTES ROOM TEMP. 10 MINUTES 25 CIRCLES	
4-5	DROP TEST	HEIGHT FROM 70CM HEIGHT ONTO HARD WOOD OR STEEL SURFACE Number OF DROPS 6 POSITIONS X, Y, Z	

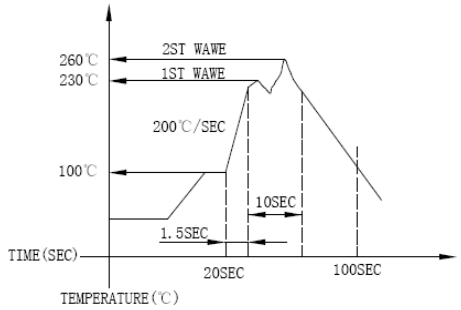
NOTE:

1.TEST ITEM 4-4 AND 4-5 SHALL BE CONDUCTED WITH CIRCUIT STATE.

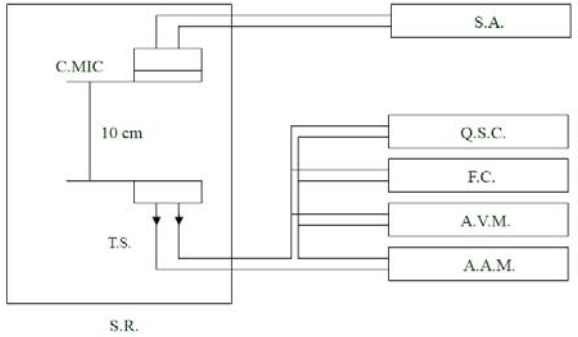
2.TEST SPECIMENS SHALL BE KEPT FOR 4 HRS,25℃ BEFORE MEASUREMENT.

5. THE CHART OF WAVE SOLDERING TEMPERATURE

This Chart only shows the soldering temperature of the pins; but the part of the shell could not overrun 80℃

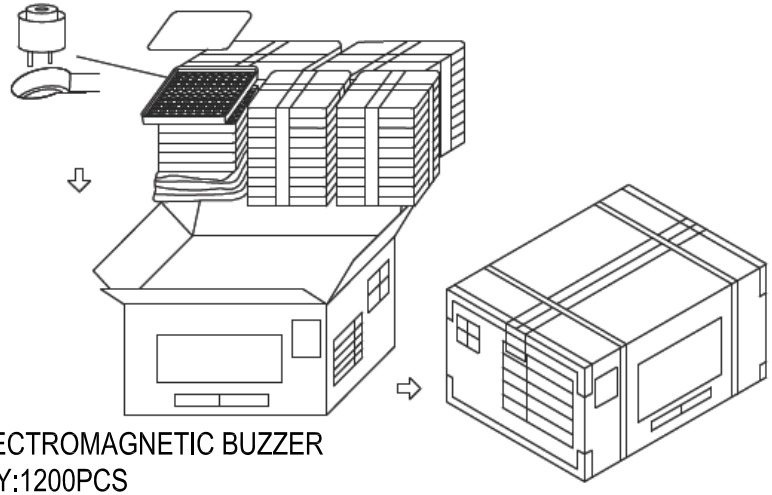


6. ELECTRICAL CHARACTERISTICS TEST METHOD



S.A. : SPECTRUM ANALYAER
F.C. : FREQUENCY COUNTER
A.A.M.: AC AMPERE METER
S.R. : SOUNDPROOF ROOM
A.V.M.: AC VOLT. METER
C.MIC : CONDENSER MIC
T.S. : TEST SAMPLE
Q.S.C.: OSCILLATOR

7.PACKING FORMAT (UNIT:cm)



ELECTROMAGNETIC BUZZER
QTY:1200PCS
VOLUME: 51×25.5×26CM

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CK.	PRE-	DRAWING NO.	SIZE	REV.
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