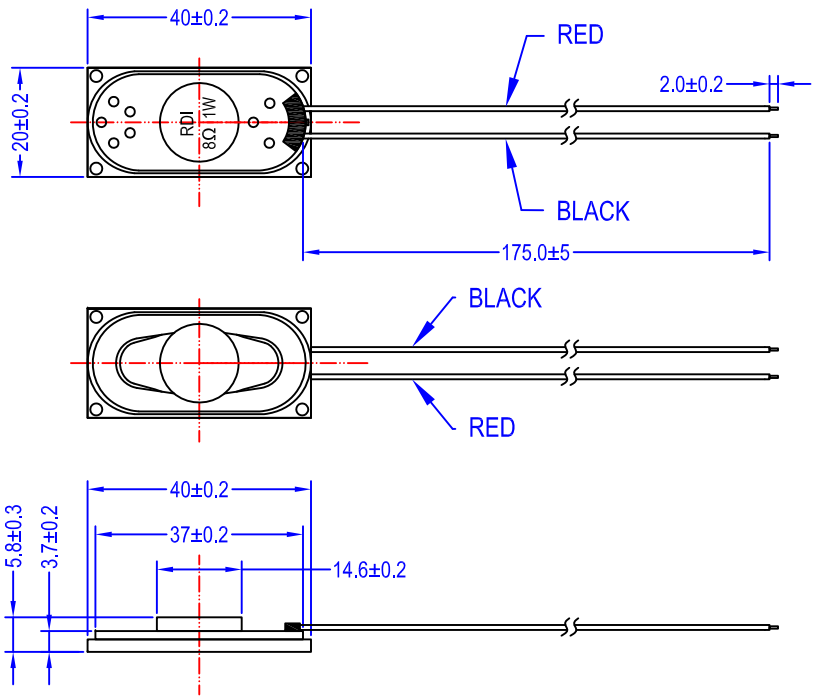
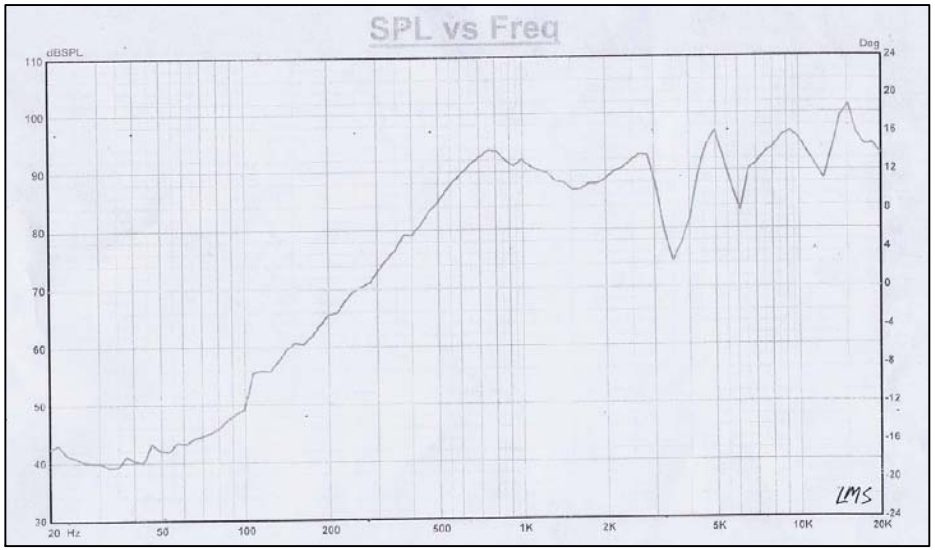
DWG. NO. SP-4865-A REV. "-"

PART NO. RNR2040M-3089NL





NO.	ITEM	SPECIFICATION	TEST CONDITION
1	NOMINAL FREQUENCY	8 ± 1.2 Ohm	AT 1000 Hz 1.0 V
2	RESONANCE FREQUENCY	720 ± 150 Hz	WITHOUT BAFFLE 1.0V
3	OUTPUT S.P.L	89±3dB 0.1W / 0.1M	AT 1200.1500.2000.2500 Hz
4	RATED INPUT POWER	1 W	
5	MAX.INPUT POWER	1.5 W	
6	FREQUENCY.RESPONSE	F0~2.7KHz	OUTPUT S.P.L-10 dB
7	BUZZES & RATTLES	SHOULD NOT BE AUDIBLE BUZZ AND RATTLE	AT 2.83V SINE WAVE BETWEEN 100Hz~2KHz
8	DISTORTION	5% MAX	RATED POWER INPUT AT 1000 Hz
9	POLARITY	WHEN A POSITIVE D.C CURRENT IS APPLIED TO THE VOICE COIL TERMINAL MARKED +,THE DIAPHRAGM SHALL MOVE FORWARD	
10	FLUX DENSITY	GAUSS	
11	MAGNET	SIZE: NdFeB WEIGHT: g(Oz)	
12	HIGH TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF +60°C 20~25% R.H AND THEN LEFT 2 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07	
13	LOW TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF -25°C±3°C AND THEN LEFT 2 HOURS IN A ROOM. SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07	
14	HUMIDITY TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF +40°C 90~95% R.H AND THEN LEFT 4 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07	
15	LOAD TEST	AT 1.0W WHITE NOISE IS APPLIED FOR 96 HOURS AND THEN SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07	
16	DROP TEST	DROP THE SPEAKERS CONTAINED IN NORMAL BOX ONTO A BOARD 5mm THICK 2 TIMES FROM A HEIGHT OF 1.0m AND THEN SHOULD SATISFY THE DESCRIBED UNDER ITEM 01 AND 07	
17	OPERATING TEMPERATURE	-25°C TO +60°C	
18	STORAGE TEMPERATURE	-30°C TO +60°C	
19	OTHER		

UNIT: mm

PROJECTION	RDI Research Develop Innovate RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549				
SCALE: N/A	TITLE: 20*40mm oval speaker with leads, metal frame, RoHS Compliant				
TOLERANCE: N/A EXCEPT AS NOTED	DR. Tina	DATE 03/21/19	REF. P/N: RNR2040M-3089NL		SHEET 1 OF 1
DEC. INCHES N/A	CK. BM	PRE- SP	DRAWING NO. 4865	SIZE A	REV. -
DEC. MILLIMETERS ±0.3	THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RDI, BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCLOSE IT TO ANY THIRD PARTY, NOR REPRODUCE THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF RDI, AND AGREES TO RETURN THIS DOCUMENT FORTHWITH UPON REQUEST.				
ANG. N/A					

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY