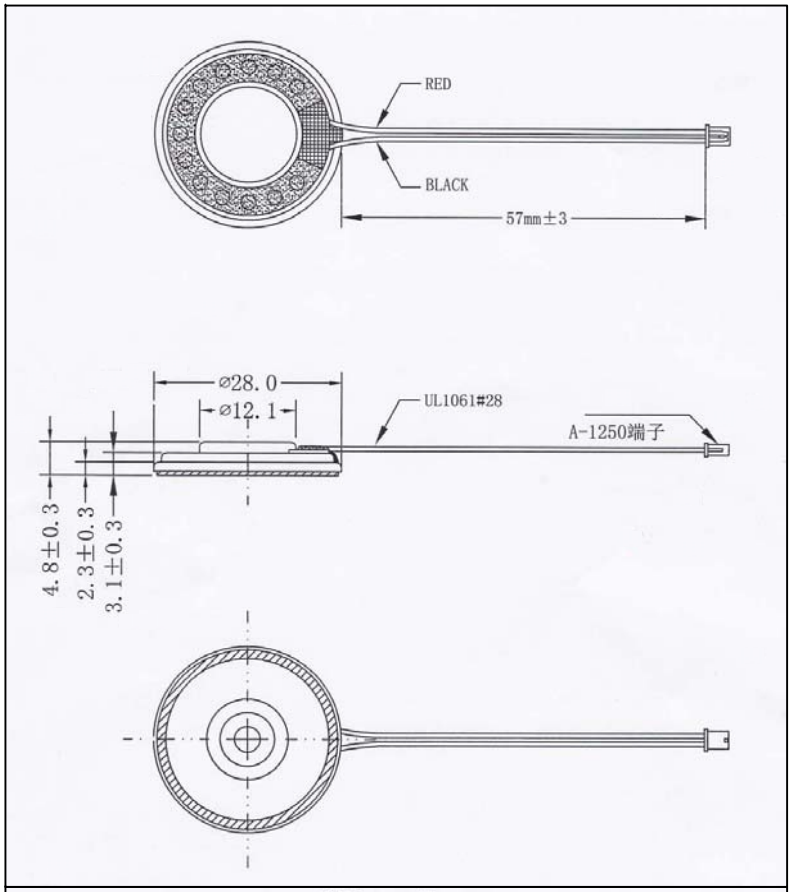
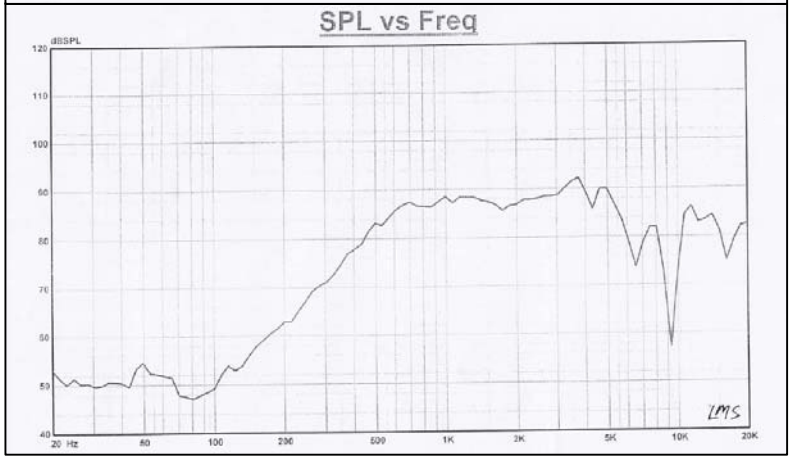
DWG. NO. SP-4846-A REV. "-"

PART NO. RNR28458B572PNL





NO.	ITEM	SPECIFICATION	TEST CONDITION
1	NOMINAL FREQUENCY	8 ± 1.2 Ohm	AT 1000 Hz 1.0 V
2	RESONANCE FREQUENCY	650 ± 130 Hz	WITHOUT BAFFLE 1.0V
3	OUTPUT S.P.L	88±3dB 0.1W / 0.1M	AT 700.1000.1200.1500 Hz
4	RATED INPUT POWER	0.5 W	
5	MAX.INPUT POWER	1 W	
6	FREQUENCY.RESPONSE	F0~20KHz	OUTPUT S.P.L-10 dB
7	BUZZES & RATTLES	SHOULD NOT BE AUDIBLE BUZZ AND RATTLE	AT 2.0V 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: Ø8*1.0 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 0.5W WHITE NOISE IS APPLIED FOR 48 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

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

PROJECTION

SCALE: N/A

TOLERANCE: N/A EXCEPT AS NOTED

DEC. INCHES N/A

DEC. MILLIMETERS ±0.3

ANG. N/A

RDI Research Develop Innovate

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

TITLE: 28mm speaker w/harness assy, 8 Ohm, RoHS Compliant

DR.	DATE	REF.	SHEET
Tina	12/05/18	P/N: RNR28458B572PNL	1 OF 1

CK.	PRE-	DRAWING NO.	SIZE	REV.
BM	SP	4846	A	-

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