



- NOTE:
1. THE COIL WIRES BEING COMPLETELY EMBOSSED WITH EPOXY.
 2. THE COIL WIRES ARE TO BE TRIMMED PRIOR TO SOLDERING AND EPOXY APPLICATION.

NO.	ITEM	SPECIFICATION	TEST CONDITION
1	NOMINAL IMPEDANCE	100 ± 15 Ohm	AT 1000 Hz 1.0 V
2	RESONANCE FREQUENCY	310 ± 62 Hz	WITHOUT BAFFLE 1.0V
3	OUTPUT S.P.L	86±3dB 0.5W/1W	AT 800:1000:1200:1500 Hz
4	RATED INPUT POWER	0.5 W	
5	MAX.INPUT POWER	1 W	
6	FREQUENCY.RESPONSE	F0-10KHz	OUTPUT S.P.L-10 dB
7	BUZZES & RATTLES	SHOULD NOT BE AUDIBLE BUZZ AND RATTLE	AT 7.0V SINE WAVE BETWEEN 200Hz-3KHz
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: Ø12.5*3 WEIGHT: g(Oz)	
12	HIGH TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF +70±2°C 20-25% R.H AND THEN LEFT 2 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07	
13	LOW TEMPERATURE TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF -30°C±3°C AND THEN LEFT 2 HOURS IN A ROOM. SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07	
14	HUMIDITY TEST	AFTER HAVING BEEN IN A TEST CHAMBER FOR 48 HOURS AT THE CONDITION OF +40±2°C 90-95% R.H AND THEN LEFT 4 HOURS IN A ROOM.SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 AND 07	
15	LOAD TEST	AT 0.5W WHITE NOISE IS APPLIED FOR 48 HOURS AND THEN SHOULD SATISFY THE DESCRIBED UNDER ITEM 02 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 +70°C	
19	STORAGE TIME	STORAGE FOR 6 MONTHS	

UNIT: mm

PROJECTION	
SCALE: N/A	
TOLERANCE: N/A EXCEPT AS NOTED	DR: Tino DATE 04/22/19 REF. P/N RNS-66100183NL SHEET 1 OF 1
DEC. INCHES N/A	CK: BC PRE- SP DRAWING NO. 4833 SIZE T A REV. --
DEC. MILLIMETERS ±0.3	
ANG. N/A	

RDI Research Develop Innovate
 RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10649

TITLE	66mm SQ Speaker w/ leads, ROHS-2 COMPLIANT		
DR.	Tino	DATE	04/22/19
CK.	BC	PRE-SP	DRAWING NO. 4833
DEC. MILLIMETERS	±0.3	ANG.	N/A

ECN#	DATE	SYM	REVISION	RECORD	AUTH	BY

