



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	TITLE: 66mm SQ Speaker w/ leads, ROHS-2 COMPLIANT	
TOLERANCE: N/A EXCEPT AS NOTED	DR: Tjha 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: 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.	
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