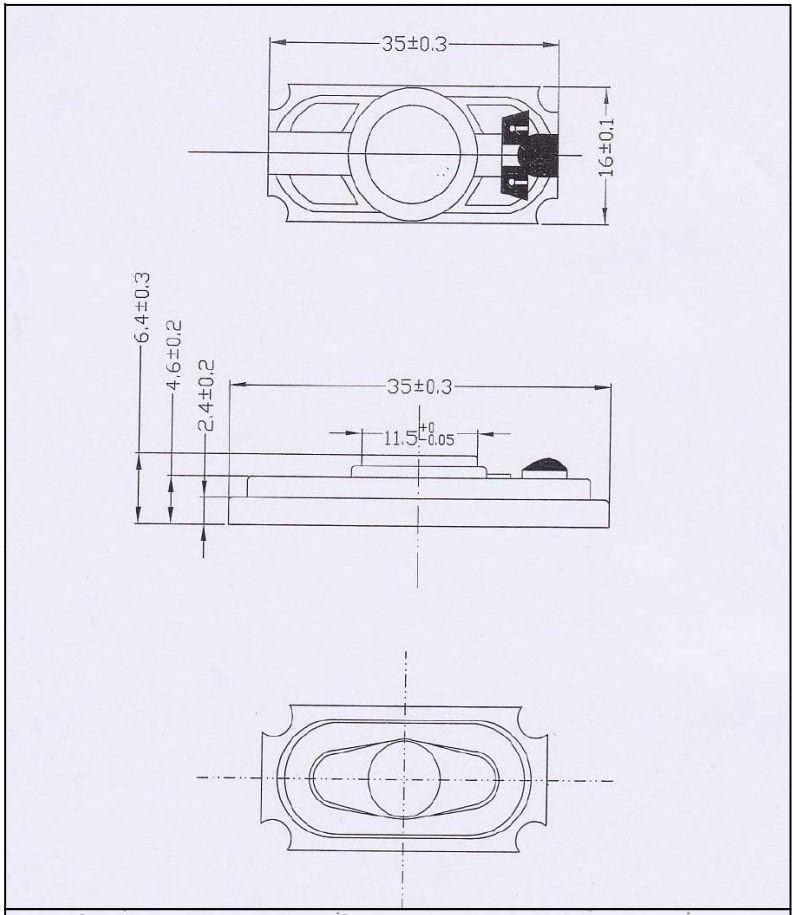
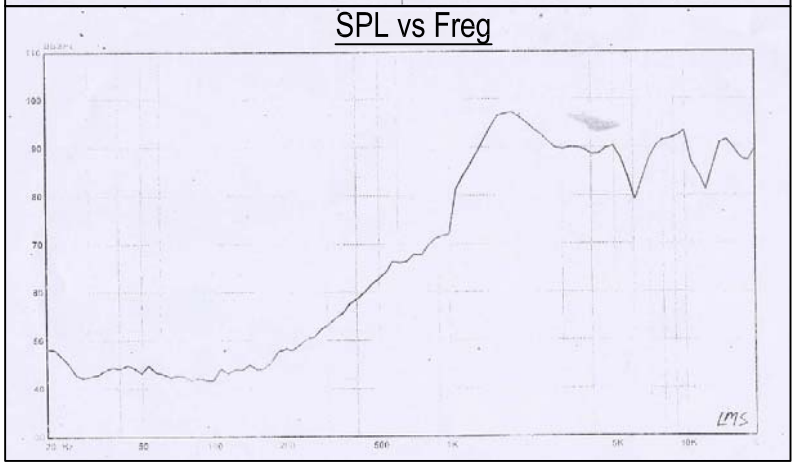
DWG. NO. SP-4917-A REV. "-"

PART NO. R1635N2075S-8NL




NOTES: ALL DIMS ARE IN mm

| NO. | ITEM | SPECIFICATION | TEST CONDITION |
|---|---|---|---|
| 1 | NOMINAL FREQUENCY | 8 ± 1.2 Ohm | AT 1000 Hz 1.0 V |
| 2 | RESONANCE FREQUENCY | 1800 ± 360 Hz | WITHOUT BAFFLE 1.0V |
| 3 | OUTPUT S.P.L | 90 ± 3dB 0.1W / 0.1M | AT 2800.3000.4000.5000 Hz |
| 4 | RATED INPUT POWER | 0.5 W | |
| 5 | MAX.INPUT POWER | 0.8 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: 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 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 | | |

PROJECTION

RDI Research Develop Innovate

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

SCALE N/A

TITLE 16 x 35mm speaker, 8Ω, RoHS Compliant

TOLERANCE EXCEPT AS NOTED

DR. Tina | DATE 07/12/19 | REF. P/N: R1635N2075S-8NL | SHEET 1 OF 1

DEC. MILLIMETERS .X±0.30 .XX±0.15

CK. BM | PRE- SP | DRAWING NO. 4917 | SIZE A | REV. -

ANG. .X±1°

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