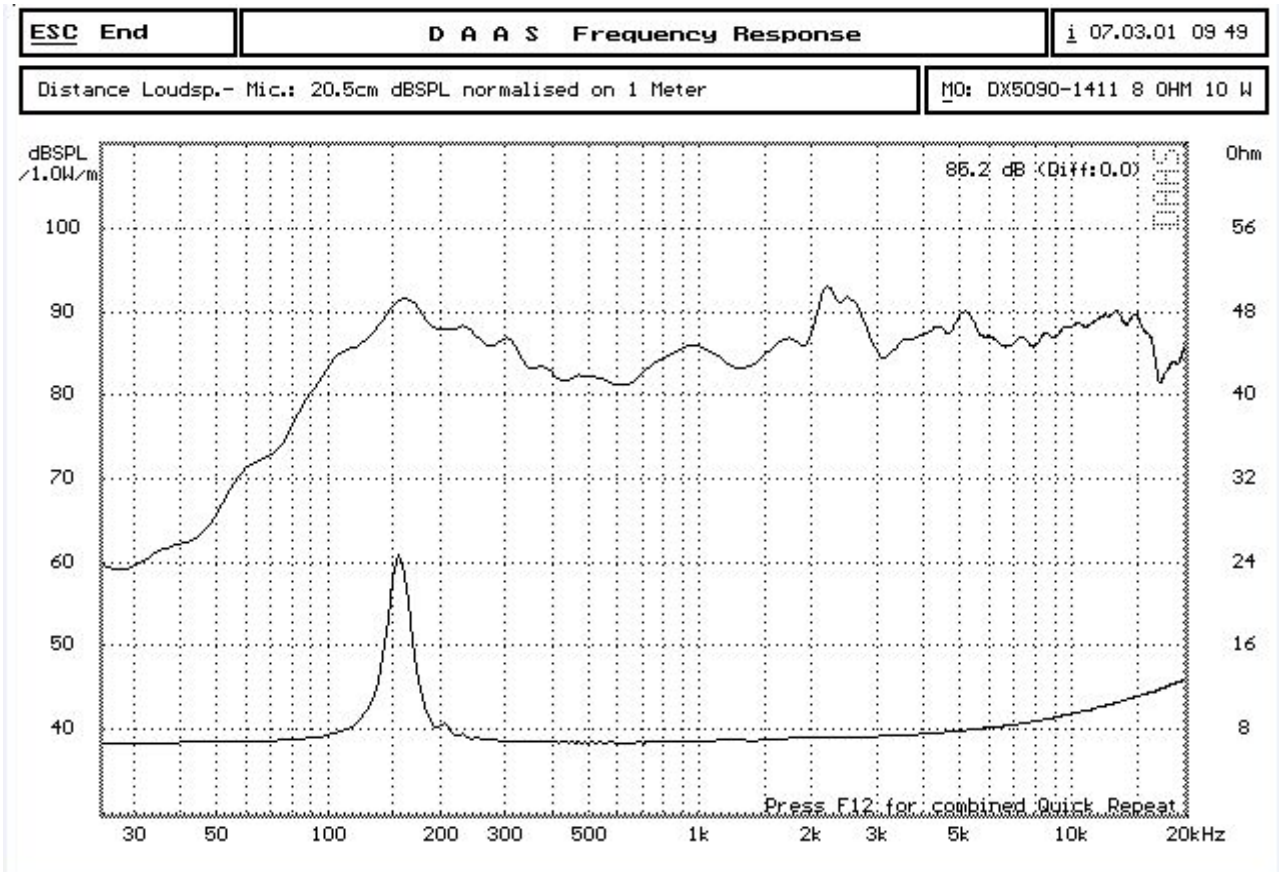




## SPECIFICATION

| Partnumber               |                   | 18-0100-8   | Size                                      |  | (50*90)MM        |
|--------------------------|-------------------|---|---|--|------------------|
| No.                      | Item              | Standard  |   | Test Condition                                   |                  |
| 1                        | VOICE COIL IMP.   | 8 OHM ± 15 %  |   | AT 400 HZ.                                       | 1.0 V            |
| 1                        | VOICE COIL IMP.   | 7.2 OHM ± 15 %  |   | AT 400 HZ.                                       | 1.0 V            |
| 3                        | BUZZES & RATTLES  | MUST BE NORMAL  |   | SINE WAVE 8.0 V/100~ 1500HZ                      |                  |
| 4                        | RESONANT FREQ.f   | 170 ± 20% HZ  |   |  |                  |
| 5                        | OUT-PUT S-P-L     | 83.0± 2dB   | MEAN VALUE AT<br>0.6 , 0.8 , 1.0, 1.2 KHZ | AT 1W ON AXIS CALCULATED<br>FROM 1m MEASUREMENT. |                  |
| 6                        | FREQ.RESPONSE     | f <sub>o</sub> ~20KHZ OUTPUT SPL -10dB  |   |  |                  |
| 7                        | RATED POWER INPUT | 10  | W   | SINE WAVE PROGRAM SIGNAL                         |                  |
| 8                        | MAX.POWER INPUT   | 15  | W   |  |                  |
| 9                        | DISTORTION        | 5%  | Less<br>MAX.                              | RATED POWER INPUT.                               |                  |
| 10                       | LOAD TEST         | AFTER TEST MEET<br>ITEM 2. & 3.   |   | <input type="checkbox"/> WHITE NOISE             | W , HOURS        |
| 11                       | HEAT TEST         | AFTER TEST MEET<br>ITEM 2. & 3.   |   | <input checked="" type="checkbox"/> PINK NOISE   | 8 W , 24 HOURS   |
| 12                       |                   |   |   | 70±2℃  | 20~25% R.H.      |
| 13                       | FLUX DENSITY      | GAUSS   |   | 40±2℃ 90~95% R.H. 24 HOURS                       |                  |
| VOICE COIL               |                   |   |   | CONE PAPER                                       |                  |
| BOBBIN MATERIAL          |                   | <input type="checkbox"/> PAPER <input type="checkbox"/> NSV <input type="checkbox"/> ASV<br><input checked="" type="checkbox"/> KAPTON <input type="checkbox"/> TIL |   | DIAPHRAGM MATERIAL                               |                  |
| WIRE MATERIAL            |                   | <input type="checkbox"/> LOCK <input checked="" type="checkbox"/> SV <input type="checkbox"/> CCAW<br><input type="checkbox"/> ( )                                  |   | EDGE MATERIAL                                    |                  |
| VOICE COIL I.D.(min)     |                   | φ   | inch φ13 mm                               | TOP PLATE THICKNESS                              |                  |
| MAGNET                   |                   |   |   | FRAME  |                  |
| WEIGHT                   |                   | Main:   | gr OZ                                     | MATERIAL   |                  |
| SIZE                     |                   | Main:φ45 *φ22 * 8 tmm<br>cover:φ40 *φ22 * 8 tmm   |   | FINISH   |                  |
| MATERIAL                 |                   | <input type="checkbox"/> ALNICO <input checked="" type="checkbox"/> FERRITE<br><input type="checkbox"/> Nd-Fe-B (( ) )  |   | DUST CAP MATERIAL                                |                  |
| QUALITY INSPECTION LEVEL |                   | II  |   | AQL  | (0.65)MA (2.5)MI |
| DRAWING BY               |                   | Hua Zhang   |   | CHECKED BY                                       |                  |
| APPROVED BY              |                   |   |   |  |                  |

# Sound Wave Graph



**Size**

