

SPECIFICATION

DYNAMIC MICROPHONE CARTRIDGE DT-05

1. PRODUCT OUTLINE

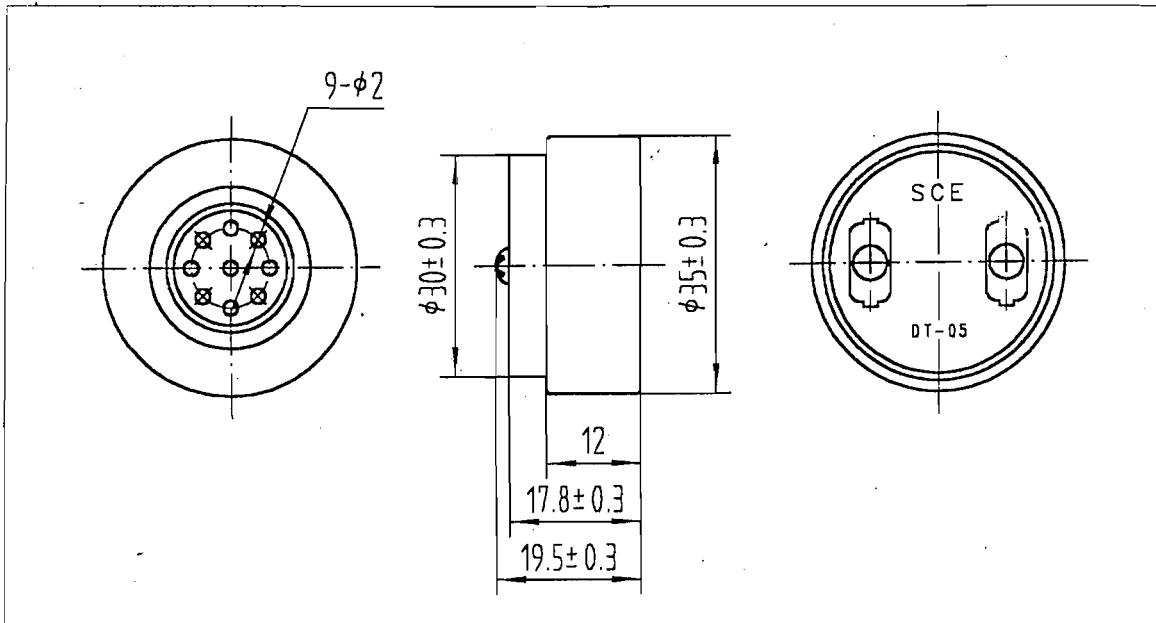
1-1. PART NO. : DT-05
1-2. DIMENSIONS: As shown drawing no. (CONFIG.1)
1-3. WEIGHT : $35 \pm 3g$
1-4. DIMENSION : $\phi 35 \times 17.8mm$
1-5. STANDARD TEST
CONDITIONS: The test conditions unless other with specified shall be
 $5 \sim 35^{\circ}C$ (Normal Temperature), 45-85% (Normal Humidity),
and 880~1060Pa (Normal Atmospheric Pressure)

2. ELECTRICAL SPECIFICATIONS

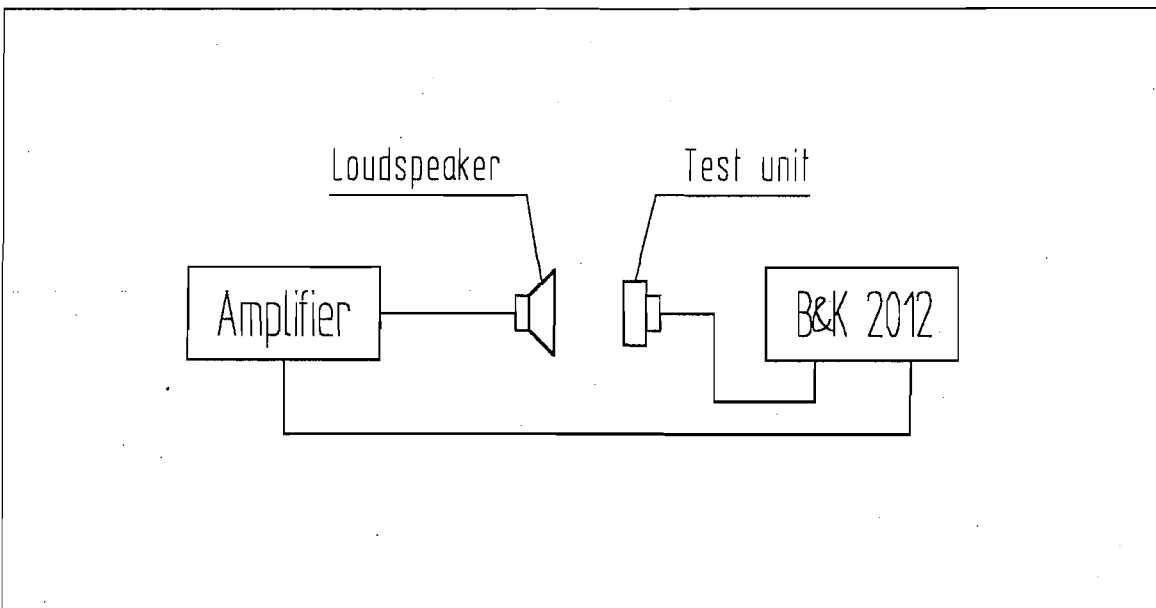
2-1. SENSITIVITY: $-56 \pm 3dB$ S.P.L at 1 KHz (0dB=1Pa/V)
2-2. IMPEDANCE : $150 \pm 30ohm$ at 1kHz By substitution method of
resistance
2-3. TEST CIRCUIT (CONFIG.2)
2-4. FREQUENCY RESPONSE (CONFIG.3)
The 1kHz sensitivity requirements must be met and the frequency
response shall lie between the movable envelope limits shown in
CONFIG.3

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3. CONFIG. 1

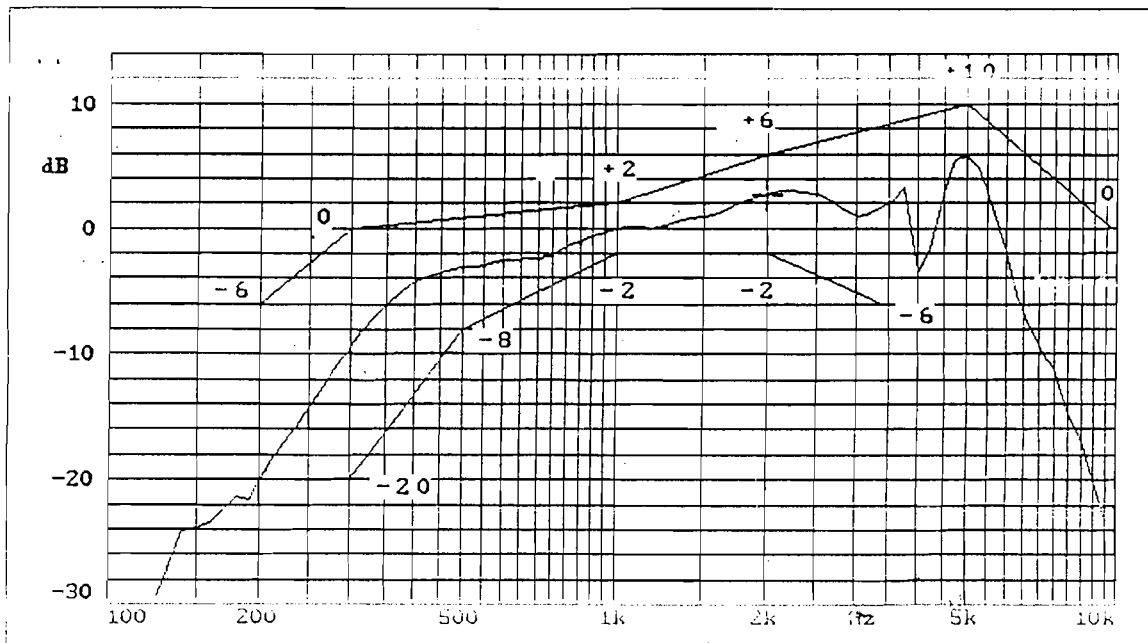


4. CONFIG. 2



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5. CONFIG. 3



6. ENVIRONMENTAL TESTS

6.1 GENERAL

AFTER ANY FOLLOWING TESTS, THE RESPONSE AT 1kHz SHALL NOT DEVIATE MORE THAN $\pm 3\text{dB}$ FROM THE INITIAL VALUE

6.2 HIGH TEMPERATURE AGING TEST

a. Temperature: $+60 \pm 2^\circ\text{C}$ b. Duration: 96 hours c. Duration of recovery : 3 hours

6.3 LOW TEMPERATURE AGING TEST

a. Temperature: $-20 \pm 3^\circ\text{C}$ b. Duration: 96 hours c. Duration of recovery: 3 hours

6.4 HUMIDITY TEST

a. Relative humidity: $90\% \pm 2\%$ at $40 \pm 2^\circ\text{C}$ b. Duration: 96 hours
c. Duration of recovery : 3 hours

6.5 DROP TEST

a. UNIT ONLY

The cartridge shall withstand 10 random drops from a height of 75CM to concrete floor, and there shall be no mechanical damage

b. FIXED IN HANDSET

The cartridge, when properly mounted in a handset, shall withstand 20 random drops from a height of 1 meter to a concrete floor, and there shall be no mechanical damage.

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