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±3g
1-4. DIMENSION: φ35x17.8mm
1-5. STANDARD TEST

CONDITIONS: The test conditions unless otherwise specified shall be
5~35°C (Normal Temperature), 45~85% (Normal Humidity),
and 880~1060Pa (Normal Atmospheric Pressure)

2. ELECTRICAL SPECIFICATIONS

2-1. SENSITIVITY: -56±3dB S.P.L at 1 KHz (0dB=1Pa/V)
2-2. IMPEDANCE: 150±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
6. ENVIRONMENTAL TESTS

6.1 GENERAL
AFTER ANY FOLLOWING TESTS, THE RESPONSE AT 1kHz SHALL NOT DEVIATE MORE
THAN ±3dB FROM THE INITIAL VALUE

6.2 HIGH TEMPERATURE AGING TEST
a. Temperature: +60±2°C  b. Duration: 96 hours  c. Duration of
   recovery: 3 hours

6.3 LOW TEMPERATURE AGING TEST
a. Temperature: -20±3°C  b. Duration: 96 hours  c. Duration of
   recovery: 3 hours

6.4 HUMIDITY TEST
a. Relative humidity: 90%±2% at 40±2°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.