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Parameters:

| | | |
|----|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1 | Type | Dynamic speaker |
| 2 | Dimension | External diameter 40 mm |
| 3 | Rated Input Power | 0.25 W |
| 4 | Impedance | 8 ohm \pm 15% at 1500Hz |
| 5 | Resonance Frequency (Fo) | 440 Hz \pm 20% at Fo, 1V |
| 6 | Sensitivity (S.P.L.) | 85dB(W/m) \pm 3 dB at AVE 0.6K,0.8K,1.0K,1.2K(Hz). 96dB(0.25W/0.1m) \pm 3 dB |
| 7 | Frequency Range | Fo – 20KHz |
| 8 | Distortion | Less than 10 % at 1500Hz 0.25W |
| 9 | Max. Input Power | Must be normal at 0.4W white noise for 1 minute. |
| 10 | Voice Coil | Diameter 10.8 mm |
| 11 | Magnet | Rare earth permanent (Nd-Fe-B) magnet Φ 10 x 1.5mm |
| 12 | Weight | 11g \pm 2g |
| 13 | Appearance | Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc. |
| 14 | Operation Test | Must be normal at program source –0.25W |
| 15 | Buzz, Rattle, etc. | Should not be audible at 1.41V sine Wave between Fo to 20KHz |
| 16 | Polarity | When positive voltage is applied to the terminal marked (+), diaphragm should move to the front. |
| 17 | Terminal Strength | Capable of withstand 1kg load for 30 seconds without resulting in any damage or rejection. |
| 18 | Load Test | 0.2 W white noise is applied for 96 hours and satisfy the test listed on item 05,06,13,15 |
| 19 | High Temp. Test | Keep 96 hours at +70°C \pm 3°C and leave 3 hours in normal temperature and then check |
| 20 | Low Temp. Test | Keep 96 hours at -20°C \pm 3°C and leave 3 hours in normal temperature and then check |
| 21 | Humidity Test | Keep 96 hours at + 60°C \pm 3°C relative humidity 95% and leave 3 hours in normal temperature and then checked. |

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