

## 1. SPECIFICATIONS

AMB-O40J27-1CWH1

|    |                            |                                          |
|----|----------------------------|------------------------------------------|
| 01 | Electret's Type            | Foil type                                |
| 02 | Sensitivity                | -27±3dB (0dB=1V/Pa,1KHz)                 |
| 03 | Standard Operation Voltage | 2.0 V                                    |
| 04 | Output Impedance           | 2.2 KΩ                                   |
| 05 | Directivity                | Omni directional                         |
| 06 | Frequency Range            | 20 - 16K Hz                              |
| 07 | Max. Operation Voltage     | 10V                                      |
| 08 | Current Consumption        | Max.0.5mA                                |
| 09 | Sensitivity Reduction      | Within -3dB 0dB=1V/Pa,1KHz Vs=2.0to 1.5V |
| 10 | S/N Ratio                  | ≥58dB                                    |
| 11 | Sound Pressure Level       | 110 dB                                   |
| 12 | Operating Temperature      | -20~+70℃                                 |
| 13 | Storage Temperature        | -25~+70℃                                 |

ADVANCED ACOUSTIC TECHNOLOGY CORPORATION