

## 1. SPECIFICATIONS

AMB-O40J47-CW1

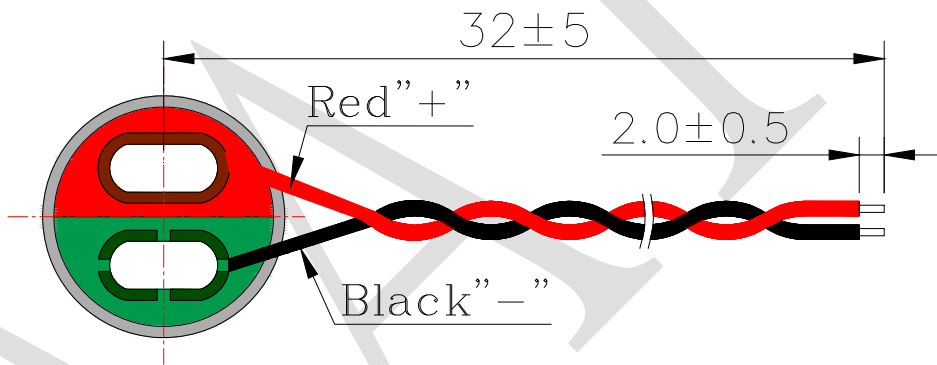
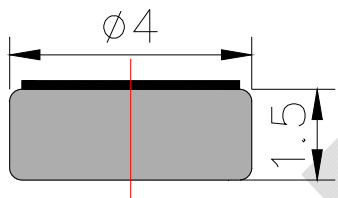
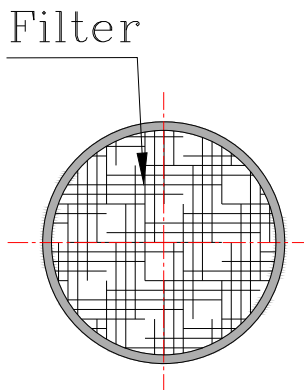
|    |                            |  |
|----|----------------------------|--|
| 01 | Electret's Type            | Back type                                |
| 02 | Sensitivity                | -47±3dB (0dB=1V/Pa,1KHz)                 |
| 03 | Standard Operation Voltage | 2.0 V                                    |
| 04 | Output Impedance           | 2.2 KΩ                                   |
| 05 | Directivity                | Omni directional                         |
| 06 | Frequency Range            | 100 - 20K 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                  | ≥60dB                                    |
| 11 | Sound Pressure Level       | 110 dB                                   |
| 12 | Operating Temperature      | -20~+70°C                                |
| 13 | Storage Temperature        | -40~+85°C                                |

REV NO.

REVISION NOTE

APPROVAL

DATE



Wire: UL1571 AWG32

RoHS

|                                  |          |                               |  |               |
|----------------------------------|----------|-------------------------------|--|---------------|
| TITLE: MICROPHONE                |          | DRAWN: <i>Jack</i> 2012/08/13 | SCALE: 5:1   | SHEET: 1 of 1 |
| PART NO. AMB-040J47-CW1          | 3<br>REV | DESIGNED: R & D OF AAT        | UNITS: mm  |               |
| DWG NO. OB-F15LX47-1193-C10C33EP |          | CHECKED:                      | TOLERANCE ± 0.3  |               |
|                                  |          | APPROVAL:                     | UNLESS OTHERWISE SPECIFIED:<br>ONE PLACE DECIMAL ± ***<br>TWO PLACE DECIMAL ± ***<br>THREE PLACE DECIMAL ± *** |               |
|                                  |          | MATERIAL: *****               |  |               |



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