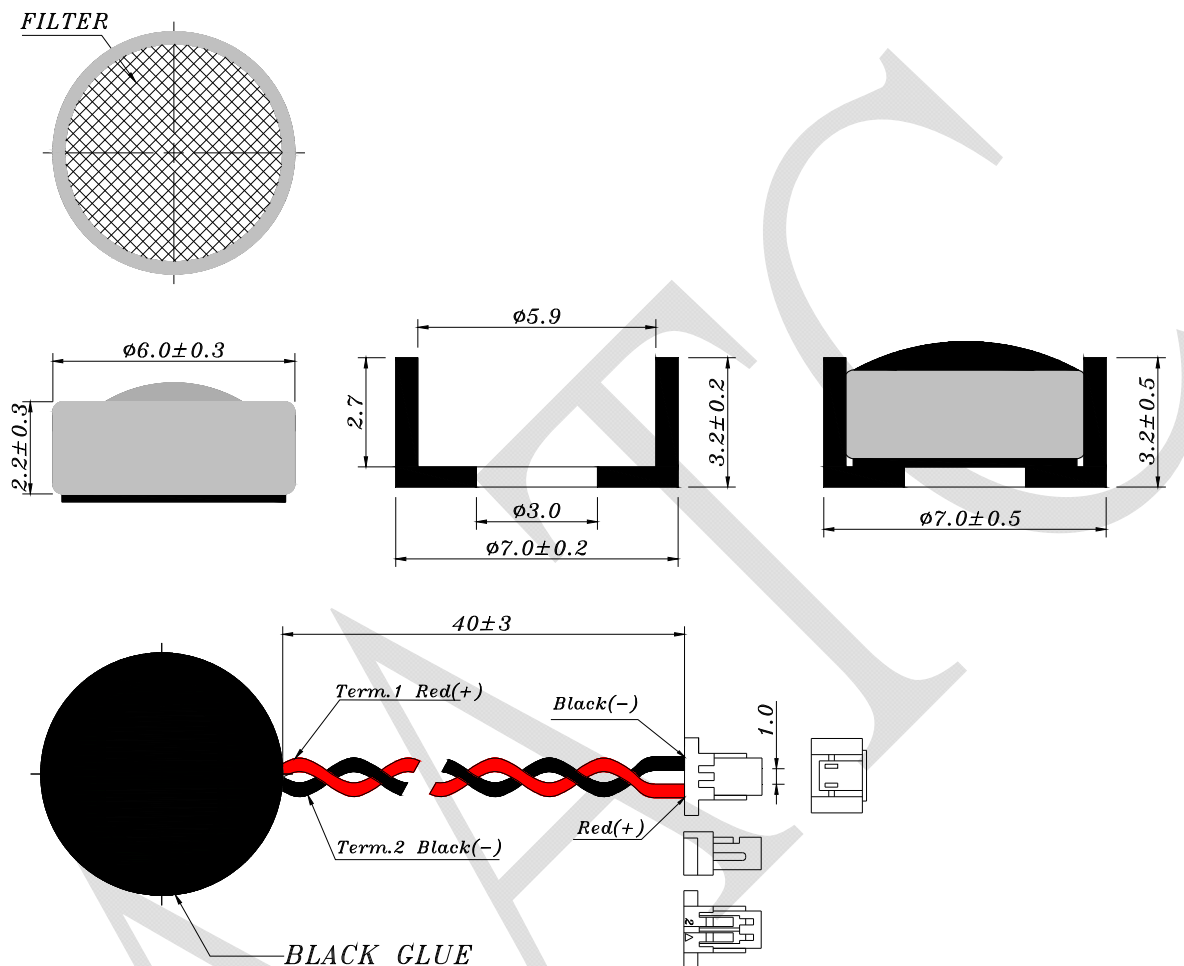


## 1. SPECIFICATIONS

AMB-O60G42-1CWH1

|    |                            |                                                |
|----|----------------------------|------------------------------------------------|
| 01 | Electret's Type            | Foil type                                      |
| 02 | Sensitivity                | -42±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~+60℃                                       |
| 13 | Storage Temperature        | -30~+70℃                                       |

| REV NO. | REVISION NOTE | APPROVAL | DATE |
|---------|---------------|----------|------|
|---------|---------------|----------|------|



Wires: UL1571,32#AWG ;  
Connector:Equivalent to JST SHR-02V-S-B  
Holder: DD-EQ-JTC70-06.

RoHS

|                                 |     |                                |                               |               |
|---------------------------------|-----|--------------------------------|-------------------------------|---------------|
| TITLE: MICROPHONE               |     | DRAWN: <i>Moose</i> 2015/10/20 | SCALE: 5:1                    | SHEET: 1 of 1 |
| PART NO. AMB-060G42-1CWH1       | 1   | DESIGNED: R & D OF AAT         | UNITS: mm                     |               |
| DWG NO. B6022AL-SYN-D43-M 11307 |     | CHECKED:                       | TOLERANCE $\pm 0.3$           |               |
|                                 |     | APPROVAL:                      | UNLESS OTHERWISE SPECIFIED:   |               |
|                                 | REV | MATERIAL: AL                   | ONE PLACE DECIMAL $\pm$ ***   |               |
|                                 |     |                                | TWO PLACE DECIMAL $\pm$ ***   |               |
|                                 |     |                                | THREE PLACE DECIMAL $\pm$ *** |               |



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