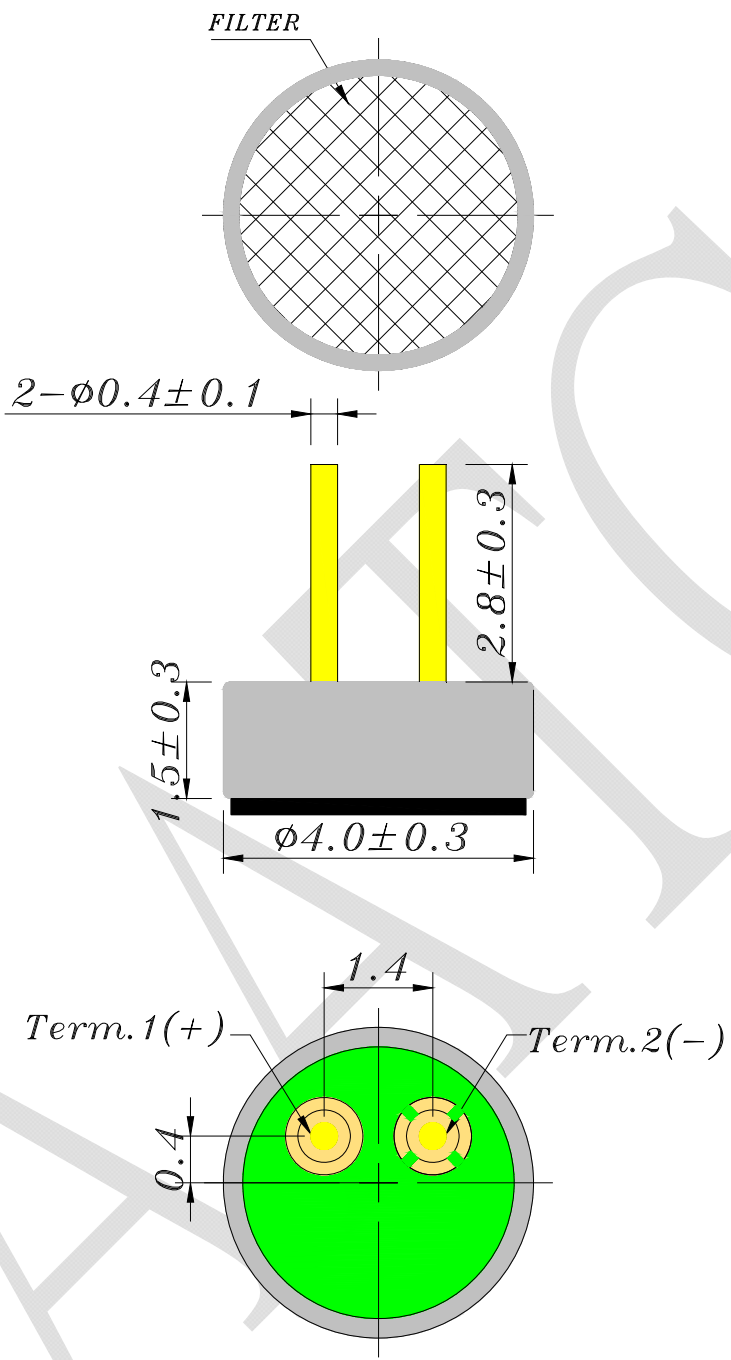


1. SPECIFICATIONS

AMB-O40J42-CB3-LF

| | | |
|----|----------------------------|--|
| 01 | Electret's Type | Back 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 | 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 | ≥58dB |
| 11 | Sound Pressure Level | 110 dB |
| 12 | Operating Temperature | -40~+85°C |
| 13 | Storage Temperature | -40~+85°C |

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



RoHS

| | | | | |
|--------------------------------------|---|-------------------------------|--|---------------|
| TITLE: MICROPHONE | | DRAWN: <i>Jack</i> 2016/10/07 | SCALE: 5:1 | SHEET: 1 of 1 |
| PART NO. AMB-040J42-CB3-LF | | DESIGNED: R & D OF AAT | UNITS: mm | |
| DWG NO. T4015AP-SFN-423 11638 | | CHECKED: | TOLERANCE ± 0.3 | |
| | | APPROVAL: | UNLESS OTHERWISE SPECIFIED: ONE PLACE DECIMAL \pm *** TWO PLACE DECIMAL \pm *** THREE PLACE DECIMAL \pm *** | |
| REV | 3 | MATERIAL: AL | | |



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