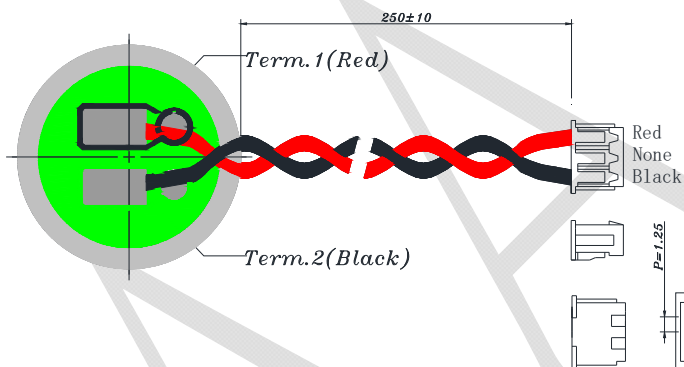
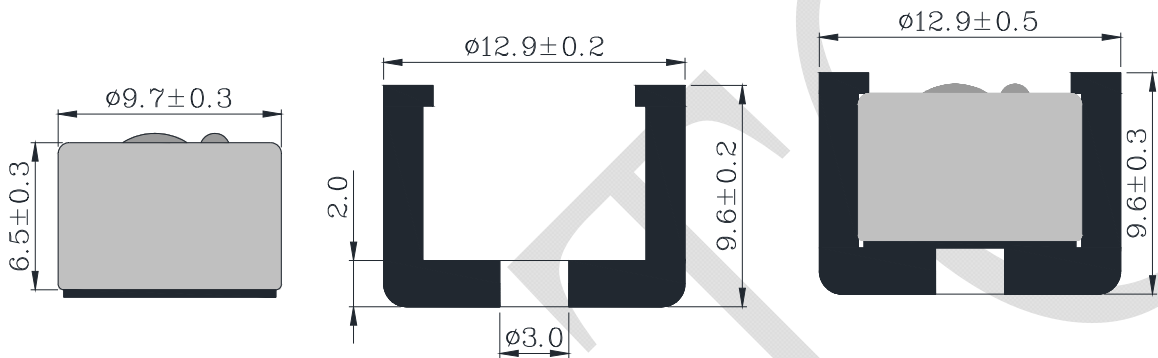
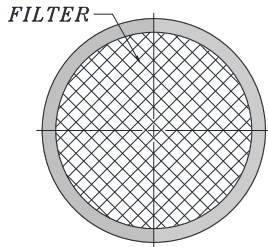


1. SPECIFICATIONS

AMF-O97A42-4CWH

| | | |
|----|----------------------------|--|
| 01 | Sensitivity | -42±3dB (0dB=1V/Pa,1KHz) |
| 02 | Standard Operation Voltage | 2.0 V |
| 03 | Output Impedance | 2.2 KΩ |
| 04 | Directivity | Omni directional |
| 05 | Frequency Range | 100 - 10K Hz |
| 06 | Max. Operation Voltage | 10V |
| 07 | Current Consumption | Max.0.5mA |
| 08 | Sensitivity Reduction | Within -3dB 0dB=1V/Pa,1KHz Vs=2.0to 1.5V |
| 09 | S/N Ratio | ≥58dB |
| 10 | Sound Pressure Level | 110 dB |

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



Wire: UL1571 , AWG 28#
 Holder : DD-EQ-JTE13-04
 Connector : Molex 51021-0300

RoHS

| | | | | | |
|--|--|------------------------------|--|-----------------------------|---------------|
| TITLE: <i>MICROPHONE</i> | | DRAWN: Hank 2020/2/11 | | SCALE: 5:1 | SHEET: 1 of 1 |
| PART NO. <i>AMF-097A42-4CWH</i> | | DESIGNED: R & D OF AAT | | UNITS: mm | |
| DWC NO. <i>F9765AL-SN-D255-M 12109</i> | | CHECKED: | | TOLERANCE ± 0.3 | |
| REV 2 | | APPROVAL: | | UNLESS OTHERWISE SPECIFIED: | |
| | | MATERIAL: AL | | ONE PLACE DECIMAL ± *** | |
| | | | | TWO PLACE DECIMAL ± *** | |
| | | | | THREE PLACE DECIMAL ± *** | |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION