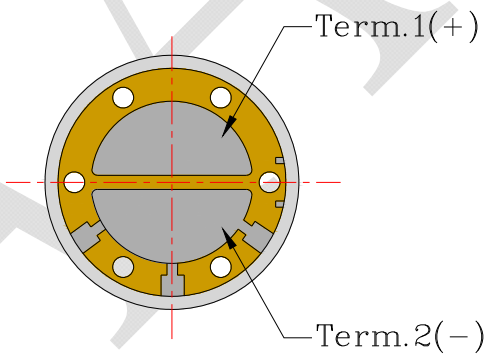
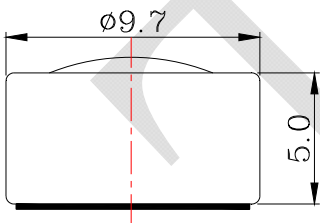
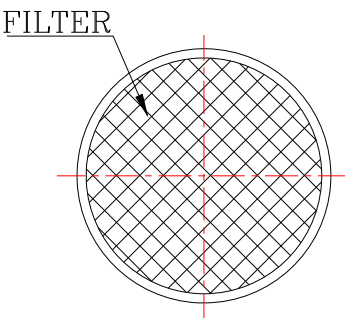


## 1. SPECIFICATIONS

AMF-U97C47-NACA-LF

|    |                            |                                           |
|----|----------------------------|-------------------------------------------|
| 01 | Electret's Type            | Foil type                                 |
| 02 | Sensitivity                | -47±3dB (0dB=1V/Pa,1KHz)                  |
| 03 | Standard Operation Voltage | 1.5 V                                     |
| 04 | Output Impedance           | 680Ω                                      |
| 05 | Directivity                | Unidirectional                            |
| 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=1.5 to 1.0V |
| 10 | S/N Ratio                  | ≥55dB                                     |
| 11 | Sound Pressure Level       | 110 dB                                    |
| 12 | Operating Temperature      | -20~+60℃                                  |
| 13 | Storage Temperature        | -25~+70℃                                  |

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



RoHS

|                   |                    |             |                        |                             |               |
|-------------------|--------------------|-------------|------------------------|-----------------------------|---------------|
| TITLE: MICROPHONE |                    | DRAWN: Jack | 2013/03/07             | SCALE: 5:1                  | SHEET: 1 of 1 |
| PART NO.          | AMF-U97C47-NACA-LF | 2           | DESIGNED: R & D OF AAT | UNITS: mm                   |               |
|                   |                    |             | CHECKED:               | TOLERANCE ± 0.3             |               |
|                   |                    |             | APPROVAL:              | UNLESS OTHERWISE SPECIFIED: |               |
| DWG NO.           | DTM-1238           |             | MATERIAL: *****        | ONE PLACE DECIMAL ± ***     |               |
|                   |                    | REV         |                        | TWO PLACE DECIMAL ± ***     |               |
|                   |                    |             |                        | THREE PLACE DECIMAL ± ***   |               |



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC

AATC

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

AATC:

AMF-U97C47-NACA-LF