

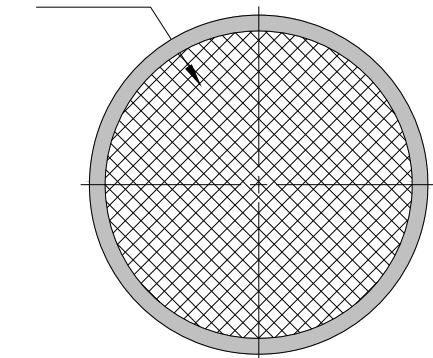
## 1. SPECIFICATIONS

AMF-U97C46-NBH

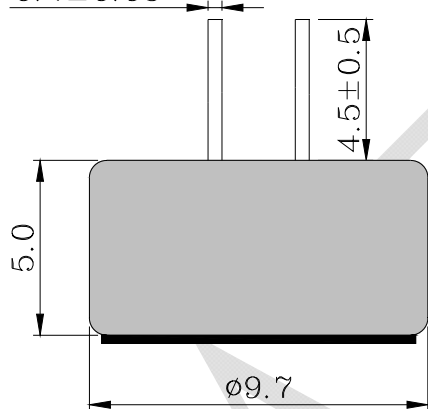
|    |                            |                                                |
|----|----------------------------|------------------------------------------------|
| 01 | Electret's Type            | Foil type                                      |
| 02 | Sensitivity                | -46±3dB (0dB=1V/Pa,1KHz)                       |
| 03 | Standard Operation Voltage | 2.0 V                                          |
| 04 | Output Impedance           | 2.2 KΩ                                         |
| 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=2.0to 1.5V |
| 10 | S/N Ratio                  | ≥55dB                                          |
| 11 | Sound Pressure Level       | 110 dB                                         |

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

*FILTER*

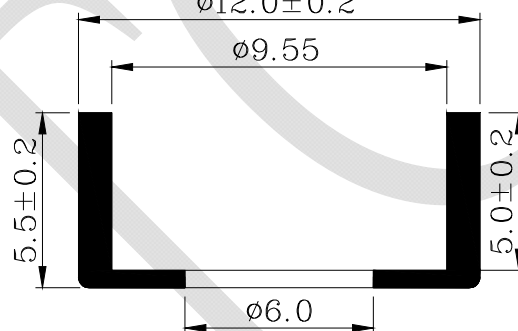


$0.4 \pm 0.05$



$\phi 12.0 \pm 0.2$

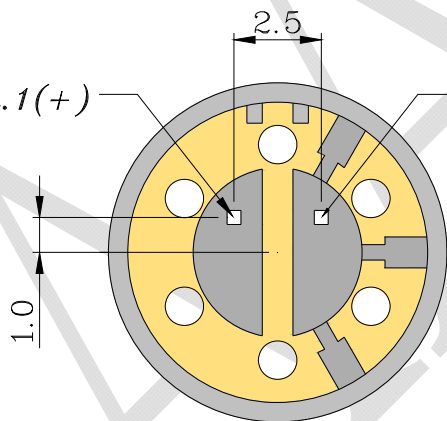
$\phi 9.55$



Holder:DD-EQ-JTE11-04

*Term.1(+)*

*Term.2(-)*



RoHS

|                         |     |                        |                                                                                                                            |            |               |
|-------------------------|-----|------------------------|----------------------------------------------------------------------------------------------------------------------------|------------|---------------|
| TITLE: MICROPHONE       |     | DRAWN: Zack            | 2013/02/21                                                                                                                 | SCALE: 5:1 | SHEET: 1 of 1 |
| PART NO. AMF-U97C46-NBH | 2   | DESIGNED: R & D OF AAT | UNITS: mm                                                                                                                  |            |               |
| DWG NO. HL-110524       |     | CHECKED:               | TOLERANCE $\pm 0.3$                                                                                                        |            |               |
|                         |     | APPROVAL:              | UNLESS OTHERWISE SPECIFIED:<br>ONE PLACE DECIMAL $\pm$ ***<br>TWO PLACE DECIMAL $\pm$ ***<br>THREE PLACE DECIMAL $\pm$ *** |            |               |
|                         | REV | MATERIAL: *****        |                                                                                                                            |            |               |



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