

## 1. SPECIFICATIONS

AMF-O97A40-NWH1

|    |                            |                                                 |
|----|----------------------------|-------------------------------------------------|
| 01 | Sensitivity                | -40±3dB (0dB=1V/Pa,1KHz)                        |
| 02 | Standard Operation Voltage | 1.5 V                                           |
| 03 | Output Impedance           | 1.5 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=1.5 to 1.0V |
| 09 | S/N Ratio                  | ≥58dB                                           |
| 10 | Sound Pressure Level       | 110 dB                                          |

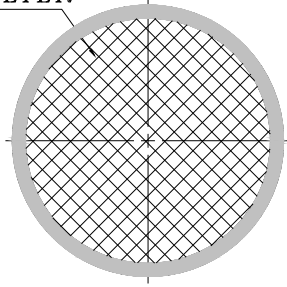
REV NO.

REVISION NOTE

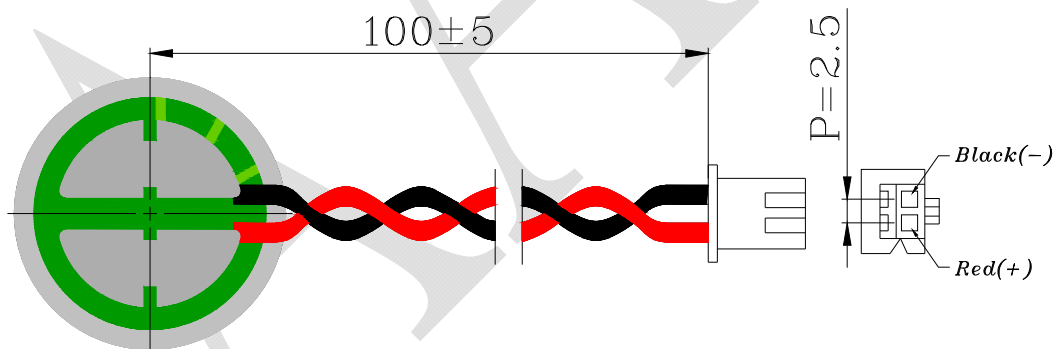
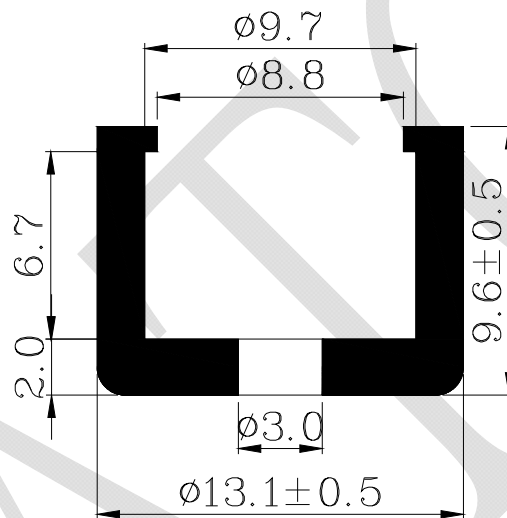
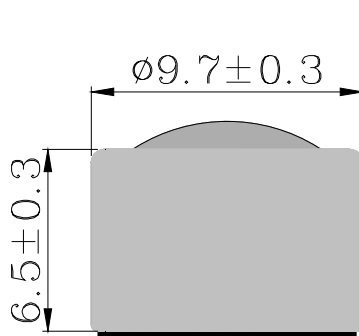
APPROVAL

DATE

FILTER



Wire: UL1571,AWG28#;  
Connector:Equivalent to JST XHP-2  
Holder: DD-EQ-JTE13-01



RoHS

TITLE: MICROPHONE

DRAWN: Zack 2019/04/18

SCALE: 5:1 SHEET: 1 of 1

PART NO. AMF-097A40-NWH1

DESIGNED: R &amp; D OF AAT

UNITS: mm

DWG NO. F9765AL-D100 4134

3

CHECKED:

TOLERANCE ± 0.3

APPROVAL:

UNLESS OTHERWISE SPECIFIED:

ONE PLACE DECIMAL ± \*\*\*

TWO PLACE DECIMAL ± \*\*\*

THREE PLACE DECIMAL ± \*\*\*

MATERIAL: AL



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For more information, please contact AATC.

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