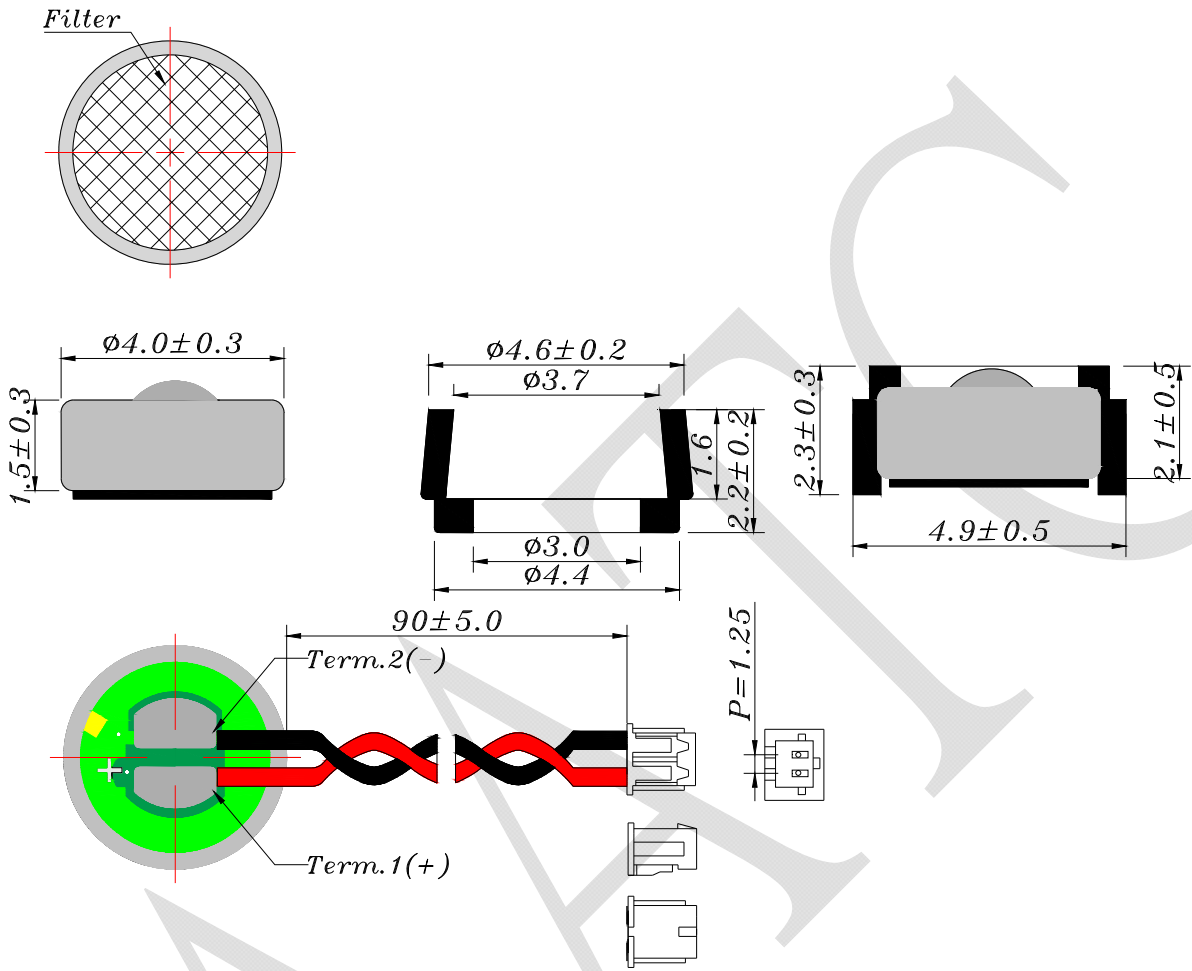


## 1. SPECIFICATIONS

AMB-O40J42-3FWH1

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	Unidirectional
06	Frequency Range	100 - 10K 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
12	Operating Temperature	-20~+60°C
13	Storage Temperature	-30~+70°C



WIRE: UL1571 AWG 30#  
 Connector: Equivalent to Molex 51021-0200  
 Holder: DD-EQ-JTA49-07

RoHS

TITLE: <b>MICROPHONE</b>	DRAWN: <i>Moose</i>	2019-05-21	SCALE: 5:1	SHEET: 1 of 1
PART NO. <b>AMB-040J42-3FWH1</b>	DESIGNED: R & D OF AAT	UNITS: mm		
	CHECKED:	TOLERANCE ± 0.3		
DWC NO. <b>T4015AL-SMG-D52-M 11965</b>	APPROVAL:	UNLESS OTHERWISE SPECIFIED:		
	REVISION: <b>2</b>	MATERIAL: AL	ONE PLACE DECIMAL ± ***	
				TWO PLACE DECIMAL ± ***
				THREE PLACE DECIMAL ± ***



**ADVANCED ACOUSTIC TECHNOLOGY CORPORATION**

For more information, please contact AATC.

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