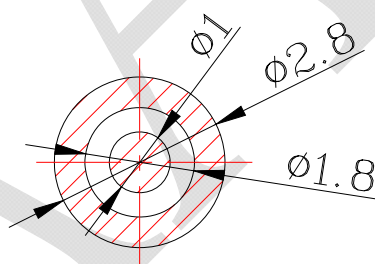
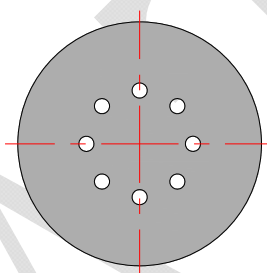
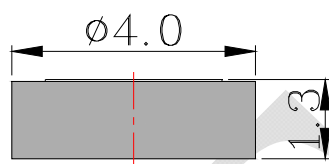
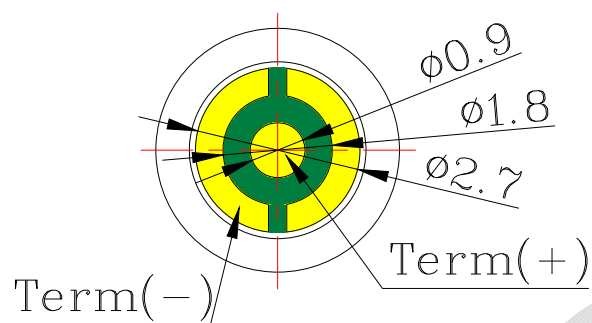


1. SPECIFICATIONS

AMS-O40S42-EC1

01	Electret's Type	SMD type
02	Sensitivity	-42±3dB (0dB=1V/Pa,1KHz)
03	Standard Operation Voltage	2.0 V
04	Output Impedance	2.2 KΩ
05	Directivity	Omni directional
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	100 dB
12	Operating Temperature	-40~+85°C
13	Storage Temperature	-40~+85°C

REV NO.	REVISION NOTE	APPROVAL	DATE
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RECOMMEND PCB LAYOUT

RoHS

TITLE: SMD MICROPHONE	DRAWN: <i>Moose</i> 2016/05/17	SCALE: 5:1	SHEET: 1 of 1
PART NO. AMS-040S42-EC1	DESIGNED: R & D OF AAT	UNITS: mm	TOLERANCE ± 0.3
DWG NO. OBS-F1342-22HF	CHECKED:	UNLESS OTHERWISE SPECIFIED:	ONE PLACE DECIMAL $\pm$ ***
REV 2	APPROVAL:	TWO PLACE DECIMAL $\pm$ ***	THREE PLACE DECIMAL $\pm$ ***
	MATERIAL: *****		



ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

For more information, please contact AATC.

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