

Smp No: Eng.No:

APPROVAL SHEET

Product: Electret Condenser Microphone

Model	MD06027CPN-28		
Customer name			
Sensitivity	-42 ± 3 dB		
Test Condition	2V 2.2KΩ		

DESIGNED BY	William Liu	
REVISED BY		
APPROVED BY	Geremy Feng	
SUBMISSION DATE	2023/05/17	

CUSTOMER:

P/N of Customer:

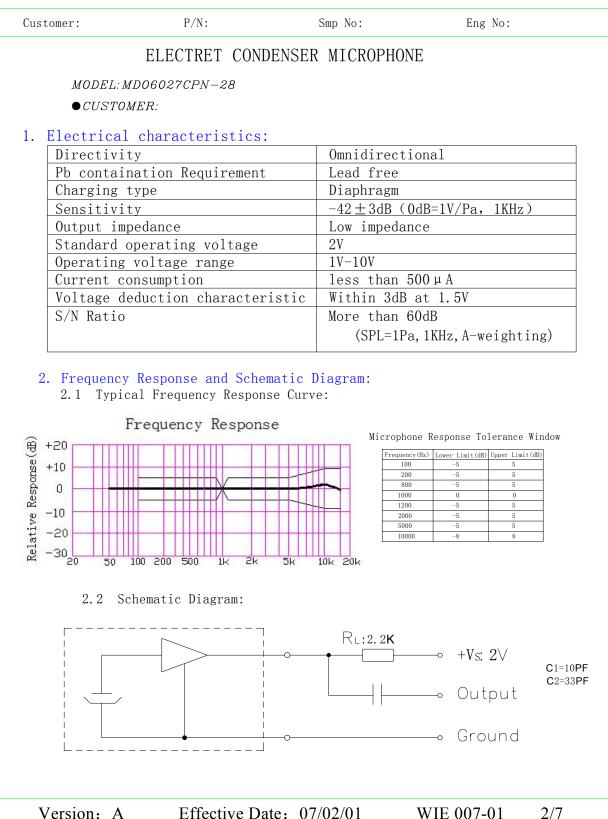
APPROVED BY	APPROVED DATE	

WEIFANG AODA ELECTRONIC CO.,LTD.

Factory: 3F, 4A Block, HanTing High-tech Zone, WeiFang, ShanDong, ChinaTEL:(0536) 2200607 FAX:(0536) 2200609P. C. : 261031http://www.aoda-mic.comE-mail:aodawf@126.com

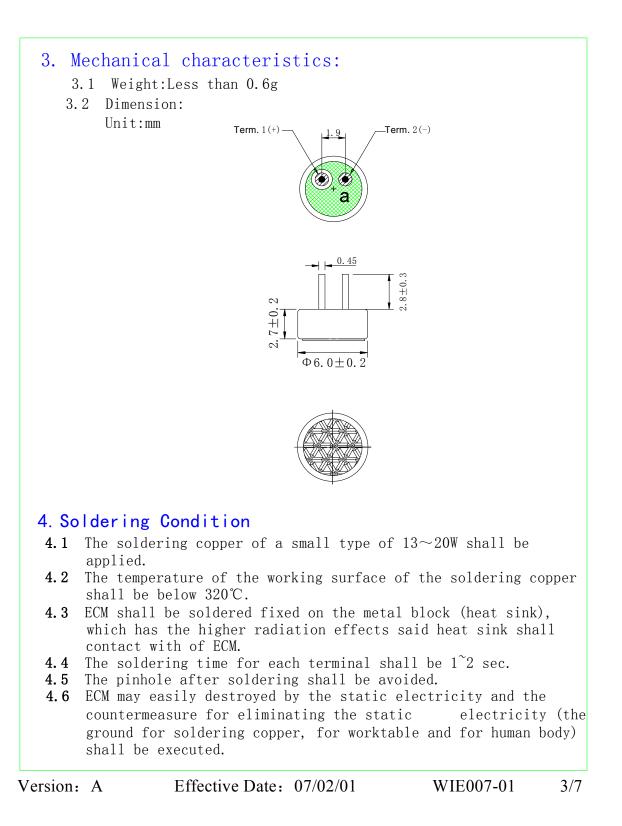
Version: A Effective Date: 0	07/02/01 WIE007-01 1/7
------------------------------	------------------------



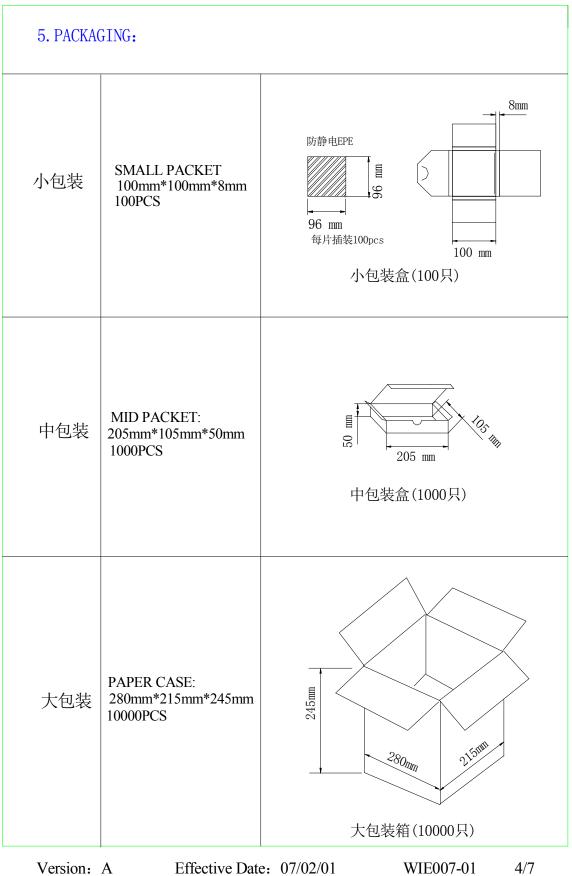


Version: A







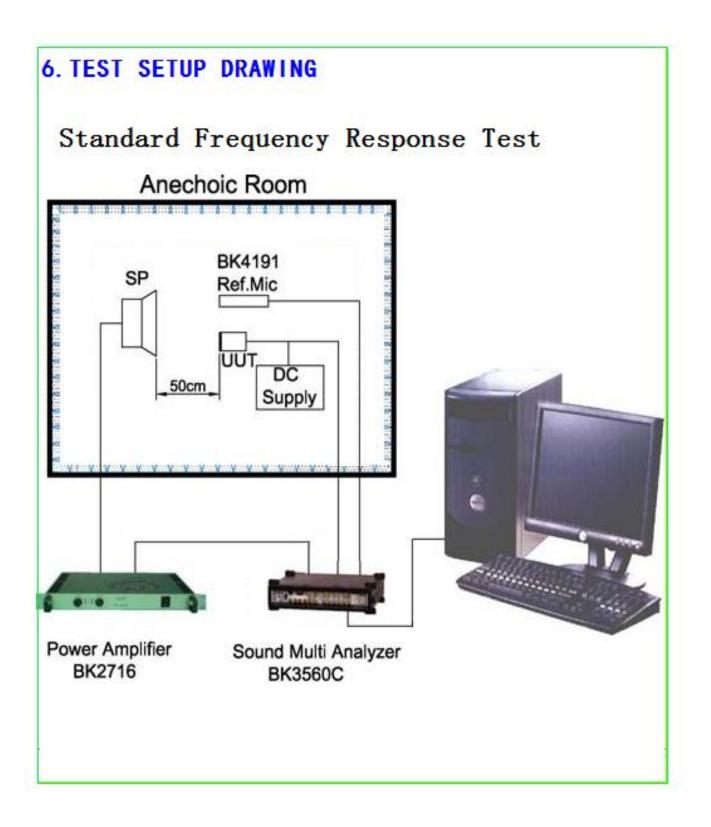


Version: A

Effective Date: 07/02/01

4/7





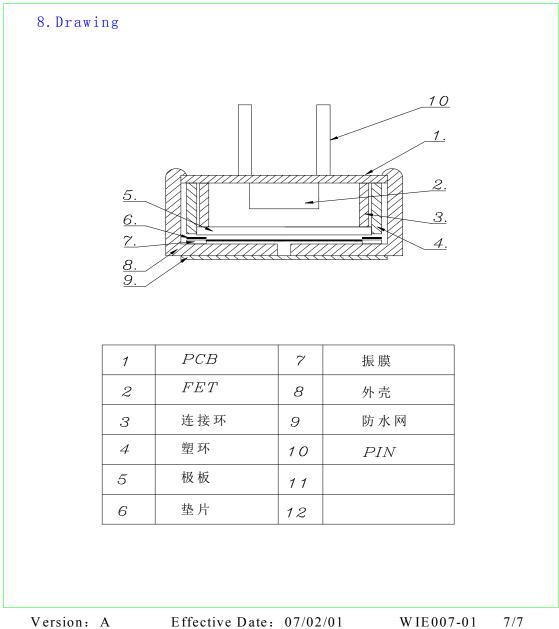
Version: A Effective Date: 07/02/01 WIE007-01 5/7



7. Reliablity test:

	Item	Test condition	Evaluation
1	High temperature Test	The part shall be capable of with- standing a storage temperature of +70 °C for 200 hours.	
2	Low temperature Test	The part shall be capable of with- standing a storage temperature of -20 °C for 200 hours.	
3	Temperature cycle test	The part shall be subjected to 5 cycle. One cycle shall consist of (+70 $^{\circ}$, 30min \rightarrow Room temp(+20 $^{\circ}$), 10min \rightarrow -20 $^{\circ}$ 30min \rightarrow Room temp(+20 $^{\circ}$), 10min)	After the test the ECM unit shall meet the requirement of no more than ± 3 dB variation from
4	Humidity Test	The part shall be capable of with- standing a storage of humidity of $90 \sim 95\%$ at the +40°C for 200 hours.	initial sensitivity after 2 hours recovering.
5	Drop Test	The microphone unit without package must be subjected to each 3 drops at three axises from the height of 1 meter to 20 mm thick hardwood board.	
6	Vibration Test	The microphone unit must be subjected to each 2 hours vibrations at three axises 2mm dynamic range, $10\sim50$ Hz/minute.	
7	Soldering Heat Resistance	Soldering iron of $+330 \pm 5$ °C should be placed on the terminal for 2 ± 0.5 seconds.	





Version: A

Effective Date: 07/02/01

WIE007-01