

# *MESSRS.*

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## SPECIFICATION FOR APPROVAL

## 承 認 書

Product	PIEZO BUZZER (SELF DRIVE)
Part No.	AZ-3032S-P
Customer Approval	

Approved By	Checked By	Made By



**ADVANCED ACOUSTIC TECHNOLOGY CORP.**

**苙 翔 科 技 股 份 有 限 公 司**



ISO 9001 Certified

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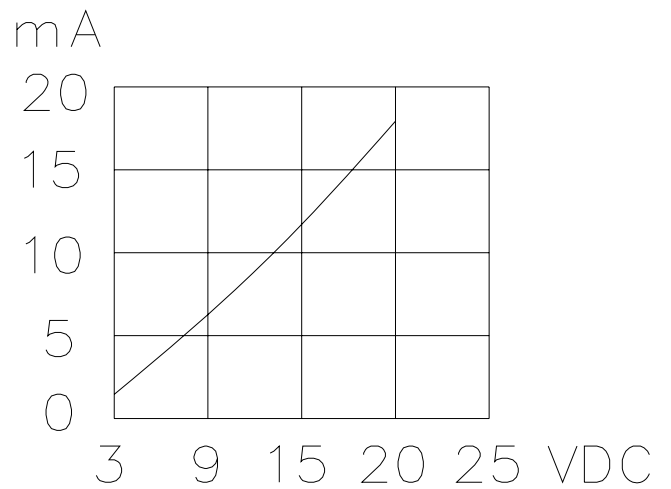
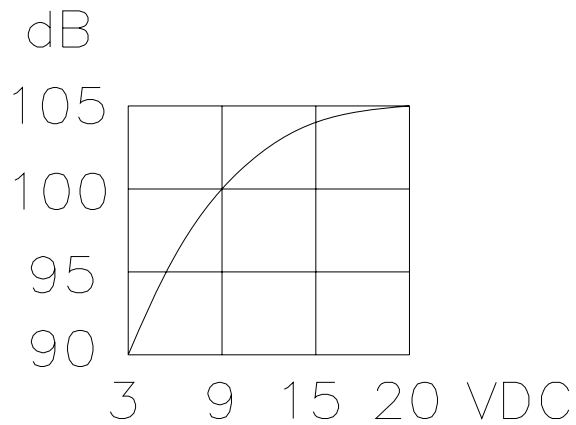
Fax: +886-2-88665250

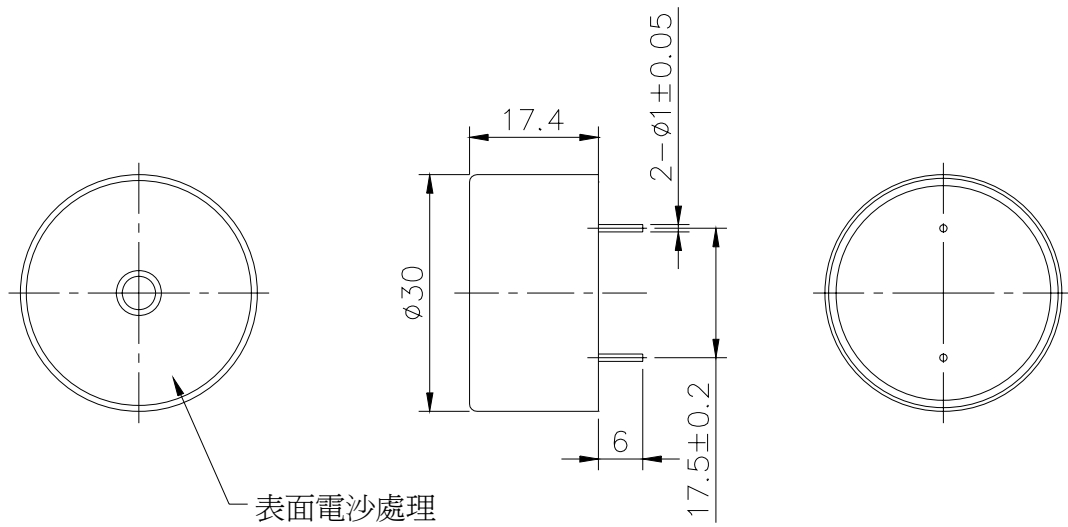
E-mail: [aat\\_mail@seed.net.tw](mailto:aat_mail@seed.net.tw)

## AZ-3032S-P

Items		Units	Specifications	Conditions
01	Rated Voltage	VDC	12.0	
02	Operating Voltage	VDC	3~20	
03	Rated Current	mA(Max)	10	
04	Sound Output At 10cm	dB(A)(Min)	90	
05	Resonant Frequency	Hz	3200±500	
06	Operating Temp.	°C	-20 ~ +60	
07	Storage Temp.	°C	-30 ~ +70	
08	Tone Nature	Single		
09	Weight	g	11	

**Value Applying Rated Voltage (VDC)**





TITLE: PIEZO BUZZER INDICATOR

DRAWN: Milton 08/01/2001

SCALE: 1:1 SHEET: 1 of 1

PART NO. AZ-3032S-P

DESIGNED: R & D OF AAT

UNITS: mm

CHECKED:

TOLERANCE  $\pm 0.3$

APPROVAL:

UNLESS OTHERWISE SPECIFIED:

ONE PLACE DECIMAL  $\pm$  \*\*\*

TWO PLACE DECIMAL  $\pm$  \*\*\*

THREE PLACE DECIMAL  $\pm$  \*\*\*

DWG NO. DPT-1014

REV 1

MATERIAL: ABS



苙翔科技股份有限公司  
ADVANCED ACOUSTIC TECHNOLOGY CORPORATION

# ADVANCED ACOUSTIC TECHNOLOGY CORP.

## 苙翔科技股份有限公司

### RELIABILITY TEST

#### AZ-3032S-P

Item		Conditions	Evaluation standard
01	Low Temp. Storage Test	A°C±2°C ,240Hr	(S.P.L)Test before numerical ±10dB *wrong (Frequency)Test before numerical ±10% (Current)Test before numerical ±10% (No crake is allowed on the part surface after Free drop test ) ● After the test ,the part shall meet the specifications without any degradation in appearance and performance
02	High Temp. Storage Test	B°C±2°C RH50% ,240Hr	
03	Temp./Humidity Storage Test	40°C±2°C , RH90-95% 240Hr	
04	Thermal Shock Test	A°C±2°C (1Hr)→ ,20°C±2°C (1Hr) B°C±2°C (1Hr)→ ,20°C±2°C (1Hr)10 cycle	
05	Vibration Test	10-55Hz/1min amplitude1.5mm,X,Y,Z,3 directions	
06	Mechanical Shock Test	+100G,Sine wave, XYZ , 3 impacts per axis	
07	Free Drop Test	The part shall be dropped freely from a height of 75 cm onto concrete 1 time in 2 axes (total 4 times )	
08	Life Burning Test	The part shall be subjected to 1000 hrs in the room temp with rated voltage applied	
09	Lead Wire / Pin Pull Test	The Part checking standard : Following supplier's Spec. Finished-part checking Standard vertical Pull i)100g MIN 0.05mm Thickness of ceramic ii)300g MIN 0.1mm ≤ Thickness of ceramic b: Horizontal Pull i)700g MIN	

Remark : "A"means Storage low temp. "B"means Storage high temp