

MESSRS.

SPECIFICATION FOR APPROVAL

承 認 書

Product	PIEZO BUZZER (SELF DRIVE)
Part No.	AZ-3035S-W2H (RoHS)
Customer Approval	

Approved By	Checked By	Made By



2F, No.207, Sec. 6, Chung Shan N. Rd., Taipei, Taiwan, R.O.C.
Tel: 1006 2 00665755 Fax: 1006 2 00665750



ADVANCED ACOUSTIC TECHNOLOGY CORP.

苙 翔 科 技 股 份 有 限 公 司

File Name:

1. Specifications

AZ-3035S-W2H (RoHS)

Items		Units	Specifications	Conditions
01	Rated Voltage	VDC	12	
02	Operating Voltage	VDC	4 ~ 28	
03	Rated Current	mA(Max)	15	At 12VDC
04	Sound Output	dBA(Min)	80	At 12VDC / 1m
05	Resonant Frequency	Hz	3500±500	
06	Tone Nature	SINGLE		
07	Operating Temp.	°C	-20 ~ +60	
08	Storage Temp.	°C	-20 ~ +70	
09	Weight	g	8	

2. Measuring Method

2-1. Test Condition

STANDARD

Temperature : 15 ~ 35°C

Relative humidity : 25% ~ 85%,

Atmospheric pressure : 860mbar to 1060mbar.

JUDGEMENT

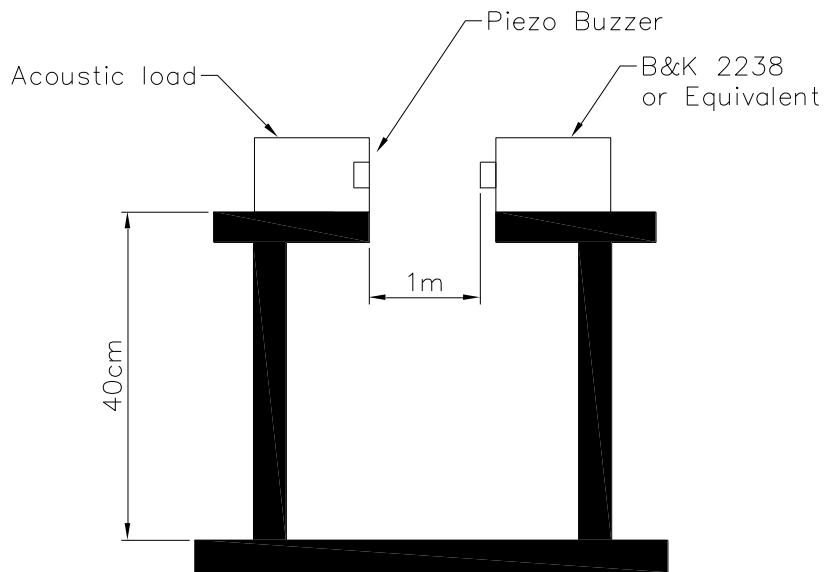
Temperature : 20±3°C

Relative humidity : 60% ~ 70%,

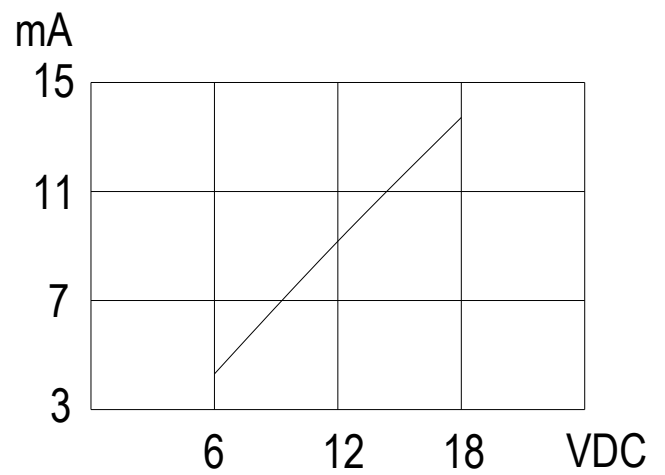
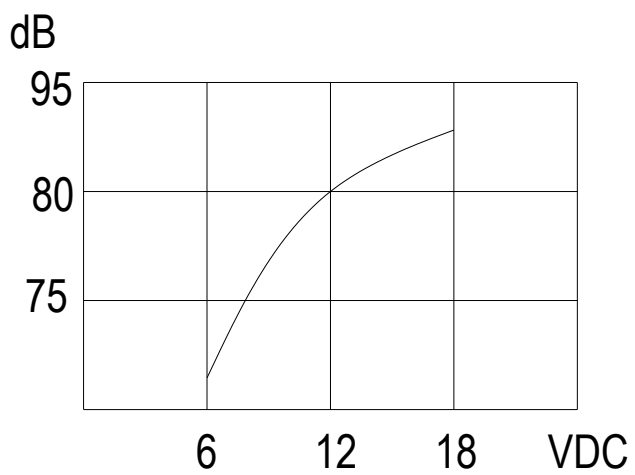
Atmospheric pressure : 860mbar to 1060mbar

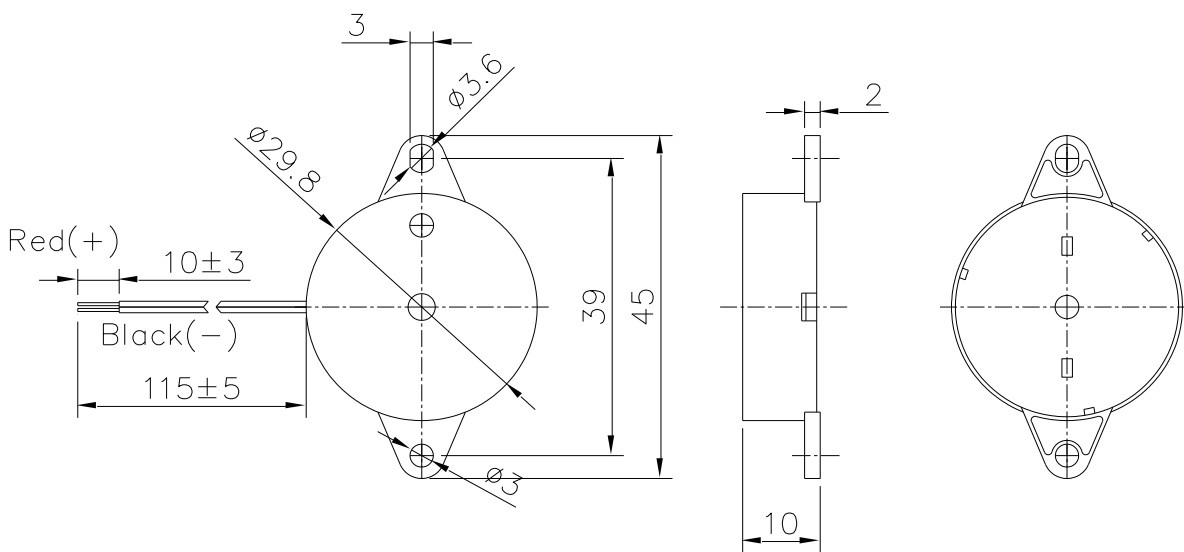
2-2. Standard Test Fixture

STANDARD TEST FIXTURE



2-3. Characteristic Curve





併線 WIRE : UL 1095, AWG 28.

TITLE: <i>PIEZO BUZZER</i>		DRAWN: TOM	06/10/2008	SCALE: 1:1	SHEET: 1 of 1
PART NO. <i>AZ-3035S-W2H</i>		DESIGNED: AATC R&D	UNITS: mm		
DWG NO. <i>DTP-1177</i>		CHECKED:	TOLERANCE ± 0.5		
		APPROVAL:	UNLESS OTHERWISE SPECIFIED:		
REV		MATERIAL: ABS	ONE PLACE DECIMAL ± ***		
			TWO PLACE DECIMAL ± ***		
			THREE PLACE DECIMAL ± ***		



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4. Reliability Test

Item	Conditions	Evaluation standard
01 Low Temp. Storage Test	-40°F(240Hr)	After the test the part shall meet specifications without Any degradation and performance except S.P.L S.P.L shall be 77dB or more.
02 High Temp.Storage Test	85°F(240Hr)	
03 Temp./Humidity Storage Test	40°F(240Hr) CRH90-95%	
04 Thermal Shock Test	-40°F(0.5Hr)→,20°F(0.25Hr) 85°F(0.5Hr)→,20°F(0.5Hr) 5 cycles	
05 Vibration Test	10-55Hz/2 Hr amplitude1.5mm X,Y, Z,3 directions	
06 Mechanical Shock Test	+100G,Half Sine wave, XYZ , 3 impacts per axis ,3 times.	
07 Free Drop Test	The part shall be dropped freely from a height of 75 cm X,Y, Z,3 directions 3times (total 9 times)	
08 Life Burning Test	The part shall be subjected to 500 hrs in the room temp with rated voltage applied	
09 Lead Strength Test	Pull Lead with a force of 10N,on the direction of the lead axis for 10±1 sec.	