

请承认书

样品编号: _____

常州声翔电子有限公司
Changzhou TDA Electronic Co., LTD

客户名称

CUSTOMER NAME: _____

产品名称

COMMODITY : BUZZER

产品型号

MODEL NO : TDA-12075P12-5S

客户料号

PART NO : _____

审核

朱刘兵

主办

徐青梅

客户承认栏

承认

拒收

常州声翔电子有限公司

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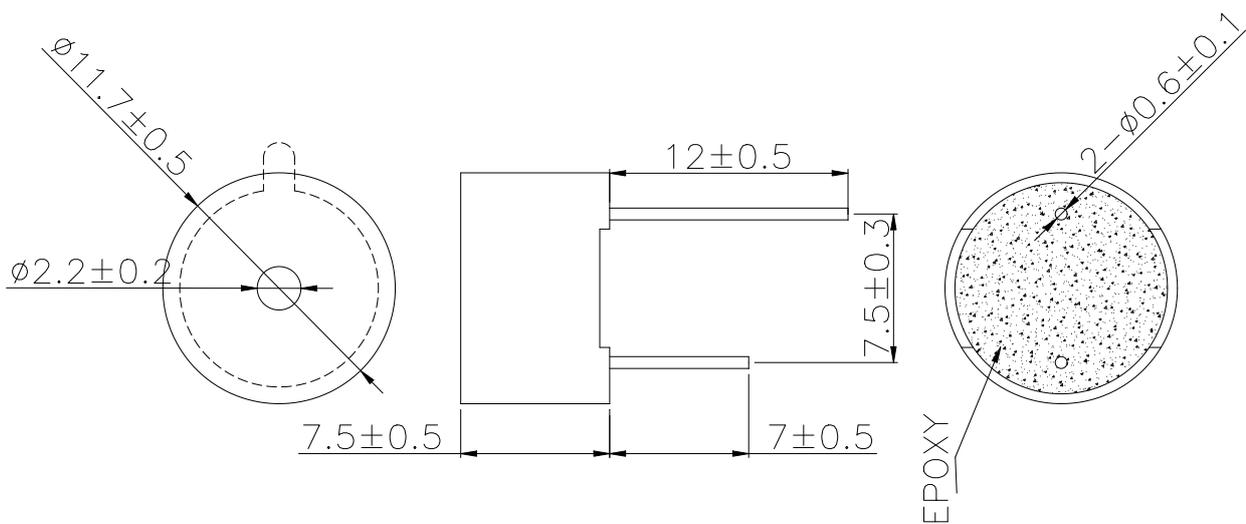
A. SCOPE

This specification applies magnetic buzzer, **TDA-12075P12-5S**

B. SPECIFICATION

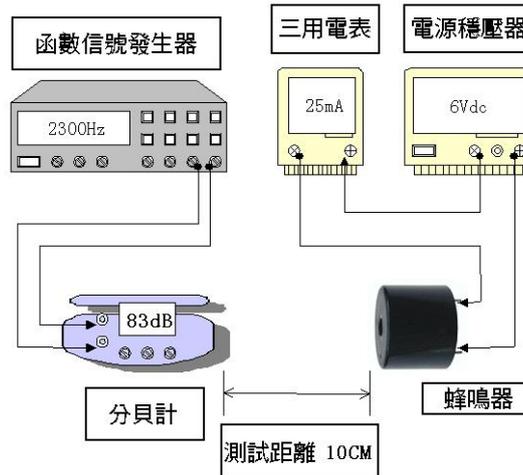
No.	Item	Unit	Specification	Condition
1	Oscillation Frequency	Hz	3100±300	
2	Operating Voltage	Vdc	3~7	
3	Rated Voltage	Vdc	5	
4	Current Consumption	mA	MAX. 30	at 5Vdc
5	Sound Pressure Level	dB	MIN. 80	at 10cm 5Vdc
6	Coil Resistance	Ω		
7	Operating Temperature	°C	-20 ~ +60	
8	Storage Temperature	°C	-40 ~ +80	
9	Dimension	mm	12.0x7.5	See appearance drawing
10	Weight (MAX)	gram	1.5	
11	Housing Material		PBT(灰色)	
12	Leading Pin		Tin Plated Brass(Sn)	See appearance drawing
13	Environmental Protection Regulation		RoHS	

C. APPEARANCE DRAWING



Unit:mm

D. Recommend Driving Circuit



E. MECHANICAL CHARACTERISTICS

NO	Item	Test Condition	Evaluation standard
1	Solderability	Stripped wires of lead wires are immersed in rosin for 5 seconds and then immersed in solder bath of $270\pm 5^{\circ}\text{C}$ for 3 ± 0.5 seconds.	90%min stripped wires shall be wet with solder.(except the edge of terminal)
2	Soldering Heat Resistance	Stripped wires are immersed up to 1.5mm from insulation in solder bath of $300\pm 5^{\circ}\text{C}$ for ± 0.5 seconds or $260\pm 5^{\circ}\text{C}$ for 10 ± 1 seconds.	No interference in operation
3	Terminal Strength Pulling	The force 10 ± 1 seconds of 9.8N is applied to each terminal in axial direction	No damage and cutting off
4	Vibration	Buzzer shall be measured after being applied vibration of 1.5mm with 10 to 55Hz band of vibration frequency to each of 3 per-pendicular directions for 2 hours.	The value of oscillation frequency and current consumption should be in $\pm 10\%$ comlared with initial ones. The SPL should be in $\pm 10\text{dB}$ compared with initial one.

F. ENVIRONMENT TEST

NO	Item	Test Condition	Evaluation standard
1	High temp. test	After being placed in a chamber at 60°C for 96 hours	Being placed for 4 hours at 25°C ,buzzer shall be measured. The value of oscillation frequency and current consumption should be in $\pm 10\%$ compared with initial one. The SPL should be in $\pm 10\text{dB}$ compared with initial one.
2	Low temp. test	After being placed in a chamber at -20°C for 96 hours	
3	Humidity test	After being placed in a chamber at 40°C and $85\pm 5\%$ relative humidity for 96hours	
4	Temp. cycle test	<p>The diagram shows a temperature cycle test profile over a 3-hour period. The cycle consists of the following segments:</p> <ul style="list-style-type: none"> Initial Dwell: 0.5H at -20°C. Heating: Ramp up from -20°C to 25°C (0.5H). 25°C Dwell: 0.25H at 25°C. Heating: Ramp up from 25°C to 70°C (0.5H). 70°C Dwell: 0.5H at 70°C. Cooling: Ramp down from 70°C to 25°C (0.5H). 25°C Dwell: 0.25H at 25°C. 	

G. RELIABILITY TEST

NO	Item	Test condition	Evaluation standard
1	Operating life test	<p>1. Continuous life test 1000 hours continuous operation at $25\pm 2^{\circ}\text{C}$ with maximum rated voltage applied.</p> <p>2. Intermittent life tes A duty cycle of 1 minute on, 5mintes off, a minimum of 10000 times at room temp.($25\pm 2^{\circ}\text{C}$) and maximum rated voltage applied</p>	<p>Being placed for 4 hours at 25°C,buzzer shall be measured. The value of oscillation frequency and current consumption should be in $\pm 10\%$ compared with initial one. The SPL should be in $\pm 10\text{dB}$ compared with initial one.</p>

H. PACKING STANDARD

