

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-9040-5S

客户料号

PART NO : _____

审核

徐青梅

主办

王严 14/01/08

客户承认栏

承认

拒收

常州声翔电子有限公司

南通辰翔电子有限公司

常州公司:

江苏省常州市戚区潞城镇富民路
TEL:86-519-8363089 13585451311
FAX:86-519-88353844
E-mail: sales@tda-buzzer.com sales2@tda-buzzer.com

南通工厂:

江苏如皋市郭元镇工业园辰翔工业区
TEL:86-513-87910588 871919168
FAX:86-513-87915598

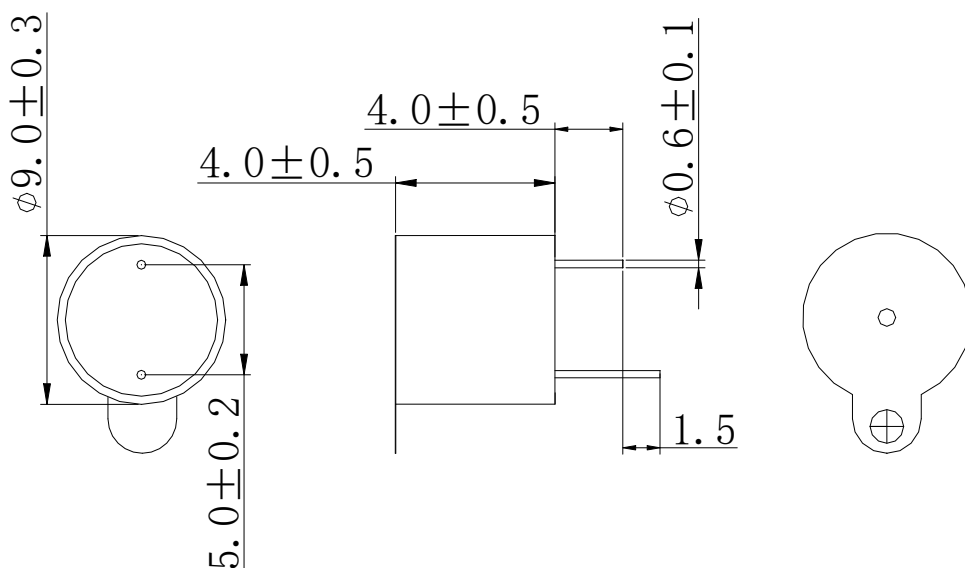
A. SCOPE

This specification applies magnetic buzzer, TDA-9040-5S

B. SPECIFICATION

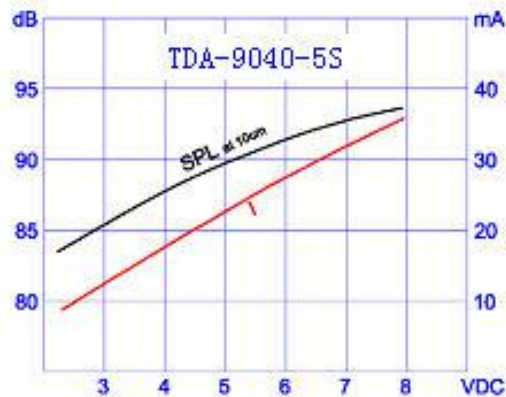
No.	Item	Unit	Specification	Condition
1	Oscillation Frequency	Hz	2800±300	
2	Operating Voltage	VDC	5	
3	Rated Voltage	VDC	4-6	
4	Current Consumption	mA	MAX. 30	Applying rated voltage direct current
5	Sound Pressure Level	dB	MIN. 80	Distance at 10cm(A-weight free air), Applying rated voltage direct current
6	Coil Resistance	Ω	/	
7	Operating Temperature	°C	-20 ~ +70	
8	Storage Temperature	°C	-30 ~ +80	
9	Dimension	mm	φ 9×H4	See appearance drawing
10	Weight (MAX)	gram	2	
11	Material		PPS(Black)	
12	Terminal		Pin type (Plating Sn)	See appearance drawing
13	Environmental Protection Regulation		RoHS	

C. APPEARANCE DRAWING

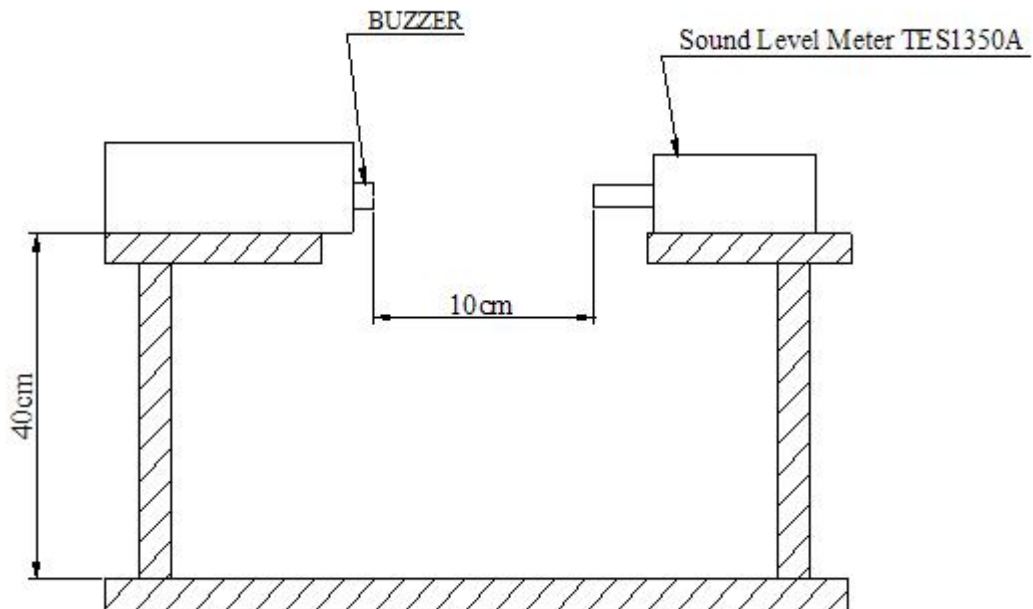


Tolerance: ±0.5mm Unit:mm

D. FREQUENCY RESPONSE



E. INSPECTION FIXTURE



F. 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.

G. ENVIRONMENT TEST

NO	Item	Test Condition	Evaluation standard
1	High temp. test	After being placed in a chamber at 70°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 ±10% compared with initial one. The SPL should be in ±10dB 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±5% relative humidity for 96 hours	
4	Temp. cycle test (5cycle)	<p>The diagram illustrates a temperature cycle test profile over a 3-hour period. It starts at -20°C with a 0.5-hour dwell. The temperature then rises to 25°C, where it dwells for 0.25 hours. It then rises to 70°C, where it dwells for 0.5 hours. The temperature then falls back to 25°C, where it dwells for 0.25 hours. Finally, it falls to -20°C with a 0.5-hour dwell. The total cycle time is 3 hours.</p>	

H. RELIABILITY TEST

NO	Item	Test condition	Evaluation standard
1	Operating life test	<ol style="list-style-type: none"> Continuous life test 96 hours continuous operation at 70°C with maximum rated voltage applied. Intermittent life tes A duty cycle of 1 minute on, 5mintes off, a minimum of 1000 times at room temp.(25±2°C) and maximum rated voltage applied 	Being placed for 4 hours at 25°C, buzzer shall be measured. The value of oscillation frequency and current consumption should be in ±10% compared with initial one. The SPL should be in ±10dB compared with initial one.

I. PACKING STANDARD

