		ROHS					
CONTITEC							
CUSTOMER:							
DECODIDITION .	Magnetic Buz	70*					
DESCRIPTION ·							
CXSOUND P/N:	CA-M9650CI-32785T						
CUSTOMER P/N:							
0001011111							
DATE :	2012-6-15						
DATE :	2012-6-15						
DATE :	2012-6-15						
DATE :	2012-6-15 Contitec Electronics Ltd. Hungary / Budapest	Contitec Electronics Ltd.					
DATE : Contitec Electronics Ltd. Germany / München Tel. +49 89 99 81 86 30	2012-6-15 Contitec Electronics Ltd. Hungary / Budapest Tel. +36 3 093 28266	Contitec Electronics Ltd. Italy / Marcallo Casone(Mi) Tel. +39 02 9725 4169					
DATE : Contitec Electronics Ltd. Germany / München Tel. +49 89 99 81 86 30 Fax. +49 89 3219 50 75	2012-6-15 Contitec Electronics Ltd. Hungary / Budapest Tel. +36 3 093 28266 Fax.+36 1 281 50999	Contitec Electronics Ltd. Italy / Marcallo Casone(Mi) Tel. +39 02 9725 4169 Fax: +39 02 9725 3399					

	Specification for Magnetic Buzzer				
	CONTENTS				
*	Scope				
*	Basic Condition				
*	Electrical Characteristics				
*	Mechanical and Environment Characteristics.				
*	4 Dimensions:				
*	Materials List				
*	Package				
	7				
*	Remarks				
*	Annex				

Specification for Buzzer

SPECIFICATIONS FOR ELECTROMAGNETIC BUZZER

1. Scope

This specification is applied to ACTIVE ELECTROMAGNETIC BUZZER.

The products described below are used for Transducer in various alarm systems.

2. Basic Condition

- 2.1 Operating Voltage: 2- 5VDC
- 2.2 Operating Temperature Range: $-25\text{-+}70^\circ\!\text{C}$
- 2.3 Storage Temperature Range:-30-+75°C

3. Electrical Characteristics

- 3.1 Specification
- 3.1.1 Output SPL: $\geq\!\!85dB$ at 10cm , at 3.0 VDC.
- 3.1.2 Consumption Current: ${\leq}30\text{mA}$: at 3.0 VDC
- 3.1.3 Oscillation Frequency: 2700±300Hz.
- 3.2 Measuring Method
- $3.\,2.\,1$ Measuring Circuit for SPL, Consumption Current and Oscillation Frequency



Web: www.contitec.com

Specification for Magnetic Buzzer						
4. Mechanical and Environment Characteristics.						
	ITEM	TEST CONDITION AND REQUIREMENT				
	High Tomporatura	After being placed in a chamber with 85+/-2°C for 4 hours and then				
4.1	Test (Storage)	being placed in natural condition for 2 hours.				
	lest (Storage)	Allowable variation of SPL after test: +/-10dB.				
	Low Temperature	After being Placed in a chamber with $-40+/-2$ °C for 4 hours and then				
4.2	Test (Storage)	being placed in natural condition for 2 hours.				
		Allowable variation of SPL after test: +/-10dB.				
	Humidity Test	After being Placed in a chamber with 90-95% R.H. at $40+/-2$ °C for 24				
4.3		hours and then being placed in natural condition for 4 hours.				
		Allowable variation of SPL after test: +/-10dB.				
		After being placed in a chamber at $-40 + -2$ °C for 30 minutes, products				
		shall be placed at room temperature (+20°C). After 15 minutes at this				
4 4	Temperature Cycl	temperature, products shall be placed in a chamber at $+85+/-2$ °C. After				
4.4	Test	30 minutes at this temperature, products shall be return to room				
		chall be recovered ofter being placed in network condition for 4 being				
		Shall be measured after being placed in natural condition for 4 hours. Allowable variation of SPL after test: $\pm/-10$ dB				
		Drop on a hard wood hoard of 5cm thick any directions 6 times				
4 5	Drop Test	at the height of 80cm				
1.0		Allowable variation of SPL after test: +/-10dB				
	Vibration Test	After being applied vibration of amplitude of 1.5mmwith 10 to 55 Hz				
		band of vibration frequency to each of 3 perpendicular directions for				
4.6		2 hours .				
		Allowable variation of SPL after test: +/-10dB.				
	Soldering Heat Resistance	Lead terminals are immersed in rosin for 5 seconds and then				
4 7		immersed in solder bath of $+260 5^{\circ}C$ for $6+/-1$ seconds .				
4. (90% min. lead terminals shall be wet with solder				
		(Except the edge of terminals).				
5. Dime	ensions:					
0. Dime	0. DIMETOLO 10112 ·					
	1					
	ப் -					
	<u>•</u>					
	b \$\\$\.6±0,2					
	Page: 2/ 5					

Specification for Magnetic Buzzer						
6. Materials List						
No.	Part Name	Type of Material	Supplier			
1	Case	MPPO	GE PLASTICS			
2	Diaphragm	FeNi50	SHANGHAIIRONPOSTGRADUATRESEARCH INSTITUTE			
3	Yoke	DT4C	SHANGHAI BAOSHAN IRON PLANT			
4	Enamelled Wire	QAN/YO. 08	CHANGZHOU RADIO MATERIALS FACTORY			
5	Magnet	SrFe02	CHANGZHOUTIANNINGELECTROEQUIPMENT FACTOREY			

7.Package

- 1. One inner box consists of 100pcs.
- 2. 50 inner boxes are packed in a carton box.
 (5000pcs are packed in a carton box)

Page: 3/ 5

Specification for Magnetic Buzzer

8. Remarks

8.1 Please pay attention to connect the hot end of your signal to the "+" terminal of our product.8.2 Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by an abnormality or failure related to our product.

8.3 The product may be damaged if mechanical stress over this specification is applied.

8.4 Please pay attention to protect operating circuit from surge voltage provided by something of force such as falling, shock and temperature changing.

8.5 In case of using solder iron for soldering, the temperature at the top of soldering irons should be kept less than +350°C. Moreover the soldering time should be also kept within 3 seconds.

8.6This specification mentions the quality of the product as a single unit. Please insure the product is thoroughly evaluated in your application circuit.

8.7Please return a copy of this specification after your signature of confirmation. In case of no return within three months from submission date, this specification should be treated as confirmed.

9. Annex

9.1 Measuring Data Sheet.



Web: www.contitec.com