



Product Specification

Ningbo East Electronics Limited

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Product Name:	Magnet Buzzer
Part Number:	EMX-7T05SP
Version:	1.02
Date:	2019-11-4
Note:	

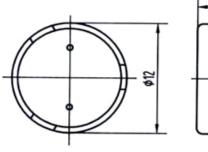
East is an ISO 9001, IATF16949 and ISO 14001Certified Company

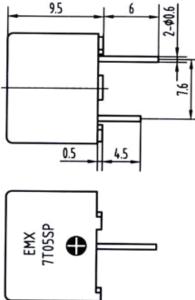
Revision History

Rev.	Description	Author/Date	Checked By	Approver
1.02	Quality management system revised	汤礼东 2019-11-4	吕文斌	王建成
1.01	Changed product name	汤礼东 2014-9-3	吴磊	王建成
1.0	Released	汤礼东 2012-3-24	陈启旺	王建成

1. Part Number EMX-7T05SP

2. Dimension Drawing (Unit: mm)



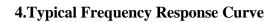


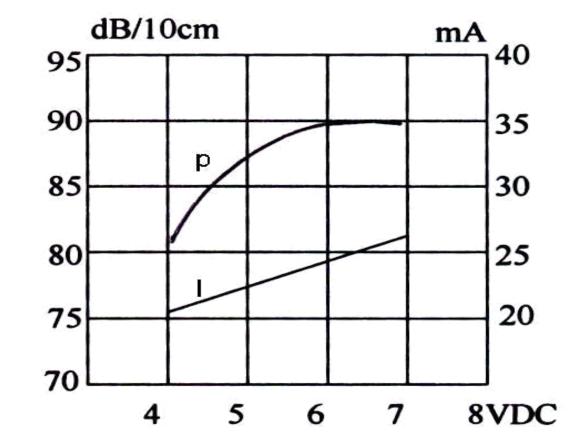
3.Specification

No.	Item	Specification
3-1	Min. Sound Pressure Level	85dB/5V _{DC} /10cm
3-2	Rated Voltage	5V _{DC}
3-3	Operating Voltage	4~6.5V _{DC}
3-4	Max. Consumption	30mA/5V _{DC}
3-5	Oscillating Frequency	2.3±0.3 kHz
3-6	Max. Response Time	50ms
3-7	Operating Temperature	-40~+85°C
3-8	Storage Temperature	-40~+85°C
3-9	Weight	1.7g
3-10	Pin Strength	More than 10N

NOTES:

Test should be made under the conditions of room temperature $(20\pm10^{\circ}C)$, normal humidity $(60\pm20\%)$ and normal atmospheric pressure. In this case, however, that the judgment is questionable, the test conditions are to be changed to room temperature $20\pm2^{\circ}C$, relative humidity $60\sim70\%$ and normal atmospheric pressure





Note:Distance 10 cm

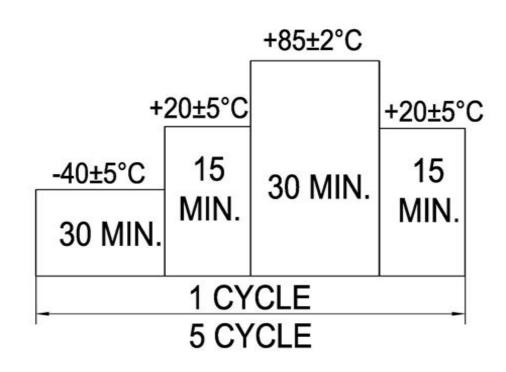
5. Reliability Test

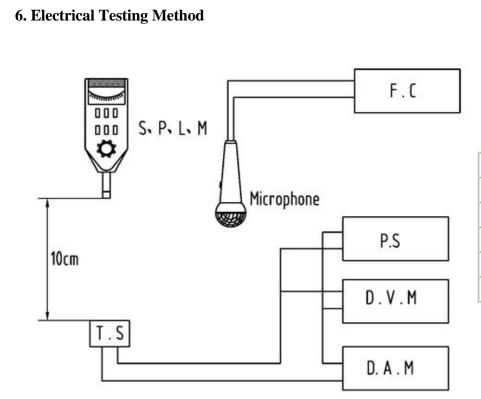
No.	Item	Method of Test	Tolerance after Testing	
5-1	Operating Temperature	-40~+85°C	Sound pressure level	
5-2	Storage in high temperature	Storage in +85°C test box 96 hours then exposed to the room temperature for 2 hours	initial value ±10dB Max. consumption value ±20%	
5-3	Storage in low temperature	Storage in -40° C test box 96 hours then exposed to the room temperature for 2 hours		
5-4	Life test in the room temperature	Operate the product continuously 5 seconds on 5 seconds off 300 hours at rated voltage	osed	
5-5	Temperature / humidity cycle test	Storage in +40°C, $93\pm3\%$ RH test box 96 hours then exposed to the room temperature for 2 hours		
5-6 Ningbo H	Temperature (high and low) cvcle test East Electronics Limited	Conduct the test for 5 cycles without applying power then expose to the room temperature for 2 hours.(See Figure 5-6)		

5-	7 Vibration	test Conduct the test for the directions of X Y and Z each (total 1.5 hours). To-and Fri sweep time(f and then 55 to 10) under single amplitude of 0.7 minute, then expose to the room temperature fo	rom 10 to 55Hz 75mm is 3
5-	8 Drop test	Drop a product naturally from the height of 700 surface of 100mm thick wooden board. Two di and side of the product are to be applied for thi respectively	rections: upper
5-	9 Soldering resistance		for 10±1
5-1	10 Test of sol	dering Dip the connecting pins in soldering at 230±5°C seconds	for 3±0.5 Solder shall be attached around over 95% of the dipped portion

NOTE: The pins are allowed to deform after drop test.







S.P.L.M	Sound Pressure Level Meter
T.S	Testing Sample
F.C	Frequency Counter
P.S	Power Supply
D.V.M	DC Voltage Meter
D.A.M	DC Ampere Meter

7. Packing Information

Packing: 3000 pcs per export carton Carton Size: 49× 26× 28 cm G. Weight: 6.6 kgs N. Weight: 5.1 kgs