



# Product Specification

**Ningbo East Electronics Limited**  
NO. 88 East Jinhui Road, Yinzhou Ningbo 315100, P.R.China  
<http://www.east-mingtao.com>

<b>Product Name:</b>	<b>High-Output Piezo Alarm Transducer</b>
<b>Part Number:</b>	<b>TFM 30</b>
<b>Version:</b>	<b>1.03</b>
<b>Date:</b>	<b>2019-8-20</b>
<b>Note:</b>	<b>UTC P/ N: 0000-3067</b>

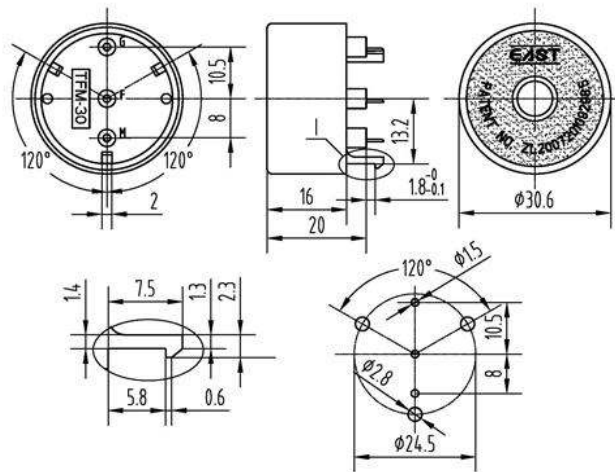
**East is an ISO 9001 , IATF16949 and ISO 14001 Certified Company**

## Revision History

<b>Rev.</b>	<b>Description</b>	<b>Author/Date</b>	<b>Checked By</b>	<b>Approver</b>
1.03	Quality management system revised	汤礼东 2019-8-20	吕文斌	王建成
1.02	Quality Certificate Symbol revised	刘宁 2015-2-12	汤礼东	王建成
1.01	Add the Silver Electrode Thickness	吴磊 2013-5-7	张春雷	王建成

## 1. Part Number TFM-30

## 2. Dimension Drawing (Unit: mm)



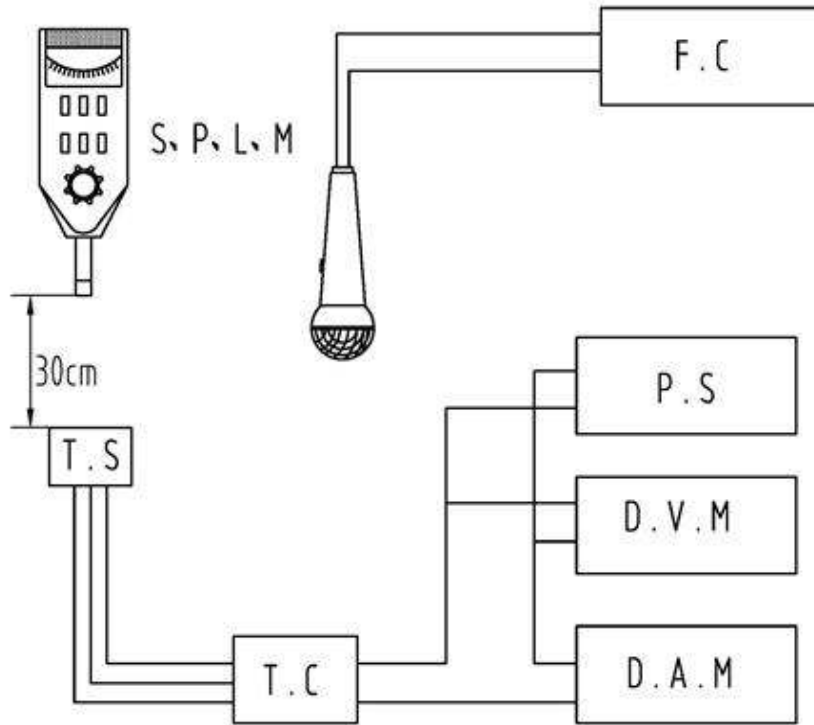
## 3. Specification

No.	Item	Specification
3-1	Min. Sound Pressure Level	95dB/9V <sub>DC</sub> /30cm
	Min. Sound Pressure Level	85dB/9V <sub>DC</sub> /290cm
3-2	Rate Voltage	9V <sub>DC</sub>
3-3	Operating Voltage	3~14V <sub>DC</sub>
3-4	Max. Consumption	70mA/9V <sub>DC</sub>
3-5	Oscillating Frequency	2.9~3.4kHz
3-6	Tone Nature	Continuous
3-7	Operating Temperature	-40~+85°C
3-8	Case Material /Color	PA-757 (ABS)/Black
3-9	Weight	6.3g
3-10	Pin Strength	More Than 10N
3-11	Silver Electrode Thickness	5±2um

### NOTES:

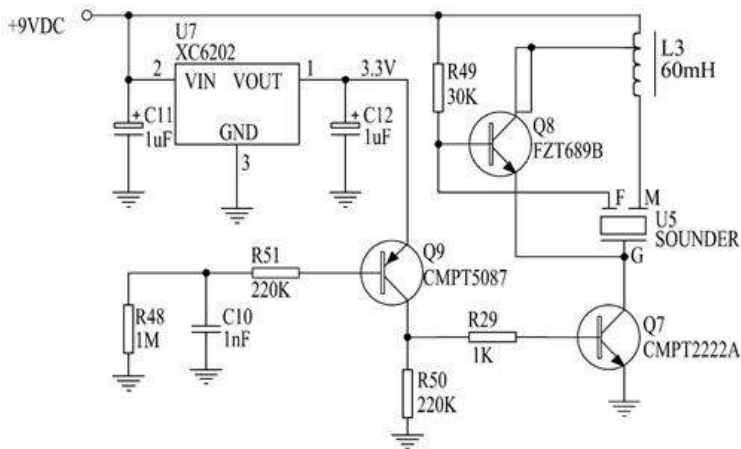
Test should be made under the conditions of room temperature (20±10°C), normal humidity (60±20%) and normal atmospheric pressure. In this case, however, that the judgment is questionable, the test conditions are to be changed to room temperature 20±2°C, relative humidity 60~70% and normal atmospheric pressure

#### 4. Electrical Testing Method



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

#### Test Circuit:



#### 5. Packing Information

**Packing: 1152pcs per export carton**

**Carton Size: 47× 30.5× 35 cm**

**G. Weight: 9.5 kgs N. Weight: 7.0 kgs**