

SPECIFICATION FOR APPROVAL

承認書

Customer (客戶) : _____

Product Name (產品名稱) : _____ 壓電式有源蜂鳴器

Zhenmei Part No. (臻美型号): _____ MIWP1740W4005-001

Specification (臻美規格) : _____ 16.5*4.0 mm 防水 (IP67)

Customer's Model No. (客戶型號): _____

Specification No. (規格書編號): _____ SQPE1740W4005-001

Number of the edition (版本號) : _____ A1

CUSTOMER'S APPROVED SIGNATURE 客戶承認蓋章

CUSTOMER'S APPROVED SIGNATURE 客戶承認蓋章		



廣東臻美智能電子科技有限公司

Guangdong zhenmei intelligent electronic technology co., ltd.

地址:廣東省東莞市塘廈鎮華新智慧工業園華新路 22 號

TEL: 400-659-1989 FAX:0769-82196690

Http: www.zhenmeigd.com

E-MAIL: sales888@zhenmeigd.com

Approved by 核准	Checked by 審核	Issued by 製成
		JCF

SPECIFICATION FOR APPROVAL

承认书

PAGE NO.

页码

3/4

PART . NO.

产品型号

MIWP1740W4005-001

Electrical Characteristics: 性能参数

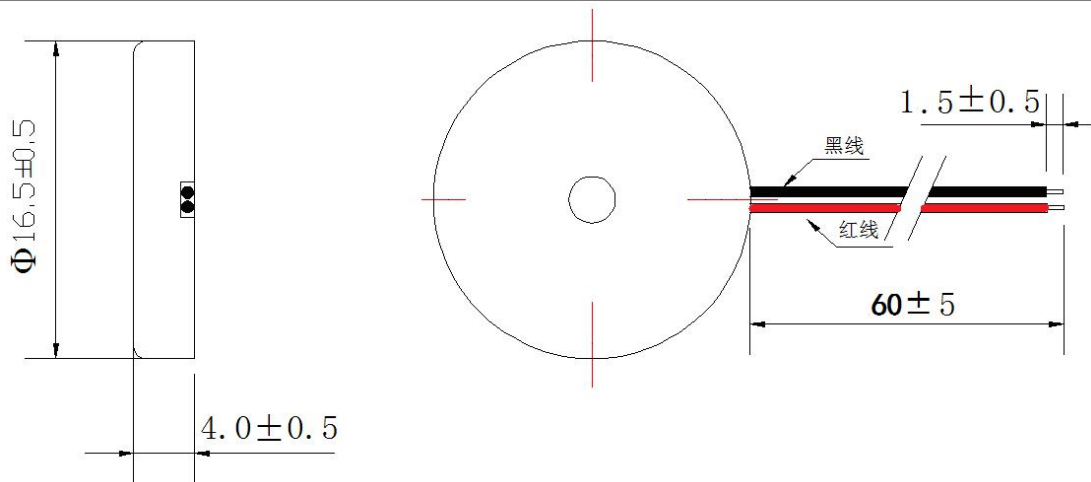
1	额定频率 Resonance Frequency (KHz)	4.0
2	最大电压 Max Input Voltage (Vp-p)	25
3	电容量 Capacitance at 1000Hz (nF)	15±30%
4	*声压级 Sound Output at 10cm (dB)	≥85 at 4.0KHz Square Wave 5Vp-p
5	*消耗电流 Current Consumption (mA)	≤5 at 4.0KHz Square Wave 5Vp-p
6	工作温度 Operating Temperature (°C)	-20~+70
7	储存温度 Storage Temperature (°C)	-30~+80
8	外壳材料 Housing Material	黑色 Black PPO

带*号指标需要在额定电压下测试 *Applying rated voltage

蜂鸣器焊接方法 Buzzer Soldering process	Soldering Parameter		
	温度 Temp.(°C)	时间 Time(Sec.)	可焊接次数 Times
回流焊 Reflow soldering	245±15	180°C 预热 40~70 秒 245°C 3 秒 above 180°C time 40~70	2
波峰焊 Wave soldering	255±5	4~6	1~2
★手工焊 Manual soldering	350±10	2~5	1~2

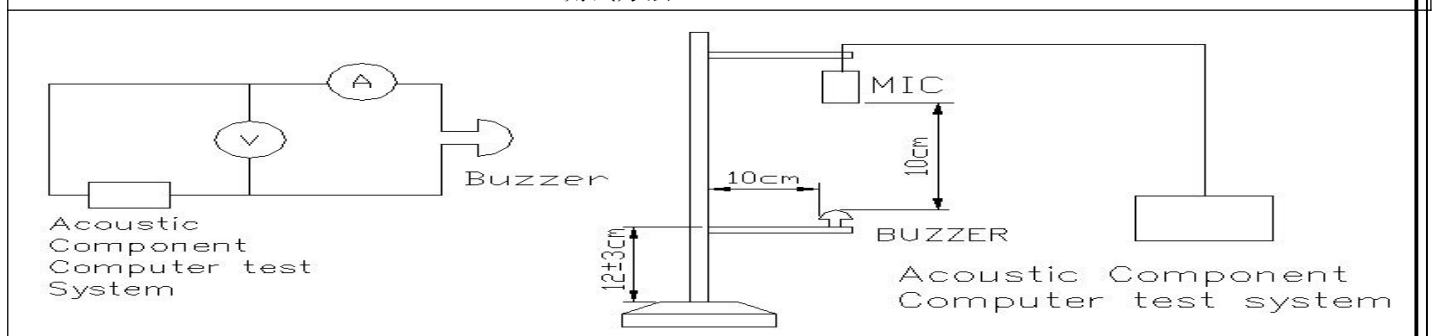
带★号为 zhenmei 推荐的焊接方法 Remark:★ KW Instance Soldering Process

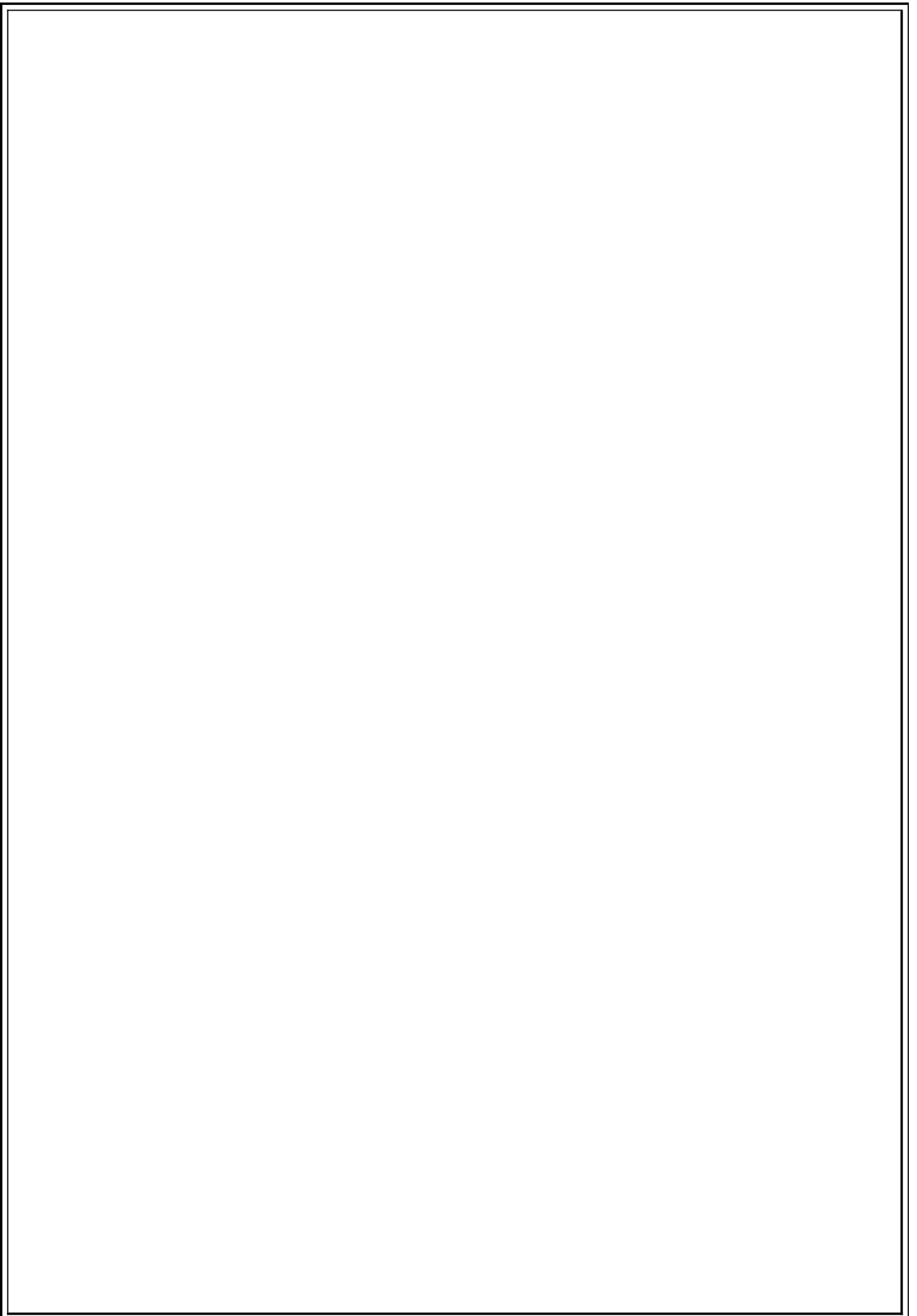
外形图 DIMENSIONS (UNIT: mm) 未标注公差按±0.3mm 计算 Tolerance: ±0.3mm Except Specified



15-6.0 1571#28 红黑 64/62*1.5*1.5 11*6.0 防水网

测试方法 TEST METHOD





SPECIFICATION FOR APPROVAL

PAGE NO.

页码

4/4

承认书

PART . NO.

产品型号

SQPE1740W4005-001

RELIABLY TEST:可靠性测试

项目 ITEM	测试条件 TESTING CONDITION	试验后要求 VARIANCE AFTER TEST
高温试验 High Temperature Test	产品置于+80±2℃试验箱中,先工作2小时,然后在正常大气压条件下恢复2小时后,进行测量。 After being worked in a chamber at +80±2℃ for 2h and then being placed in natural condition for 2h,sounder shall be measured.	<p>试验后,声响器的声级变化值在±10dB之内,外观无变化(例如:开裂,氧化,损伤,变形等现象)</p> <p>After test,the transducer S.P.L.difference shall be within ±10dB,and the appearance not exist any change to be harmful to normal operation(e.g.cracks,rusts,damages and especially distortion)</p>
低温试验 Low Temperature Test	产品置于-30±2℃试验箱中,先工作2小时,再放置16小时,然后在正常大气压条件下恢复2小时后,进行测量。 First being worked in a chamber at -30±2℃ for 2h and then being planed in a chamber at -30±2℃ for16h,finally being placed in natural condition for2h,sounder shall be measured.	
恒湿试验 Humidity Test	产品置于湿度为90~95%R.H,温度为40±2℃试验箱中48小时,然后在正常大气压条件下恢复2小时后,进行测量。 After being placed in a chamber with 90 to 95%R.H.at+40±2℃ for 48h and then being placed in natural condition for 2h,sounder shall be measured.	
振动试验 Vibration Test	振幅为0.75mm,频率为10~30~10Hz,三个不同轴方向各振动1小时,试验后测量。 Sounder shall be measured after being applied vibration of amplitude of 0.75mm with 10 to30 to10Hz band of vibration frequency to each of 3 perpendicular directions for 1hour.	
自由落体试验 Freely Falling Test	在0.8米高处,将产品三方向自由落体在木板上,试验后测量。 Sounder shall be measured after freely falling the products from 0.8m high to the wooden board with three sides per time.	
碰撞试验 Collision Test	加速度100±10m/s ² ,脉冲持续时间16ms,重复频率1~3次/min,次数1000±10次。试验后测量。 Sounder shall be measured after the test of acceleration 100±10m/s ² ,impulse lasting time 16ms,repeat frequency 1~3/min and time 1000±10.	
可焊性试验 Solderability	引线剥头/针脚浸入松香焊剂3秒,然后再浸入+250±5℃的锡锅中3±0.5秒,引线剥头表面应覆盖一层光滑明亮的焊料。 Lead terminals are immersed in rosin for 3 seconds and then immersed in solder bath at +250±5℃ for 3±0.5 seconds,terminals should be covered with the clean solder.	
引线/针脚强度试验 Terminal Strength Pulling	引线/针脚应承受1N拉力,拉力时间10秒,引线无松动和脱落等现象。 The force 10 seconds of 1N is applied to each terminal in axial direction.no looseness and falling off.	