

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : _____ 蜂鸣器

Zhen mei Part No. (臻美型号): _____ MIMS5003S4003-001

Specification (臻美规格) : _____ 5.2*5.2*3.0

Customer's Model No. (客户型号): _____

Specification No. (规格书编号): _____ SQ-WK-20011501A1

Number of the edition (版本号) : _____ A1

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章		



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zhenmei smart electronics

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Approved by 核准	Checked by 审核	Issued by 制成
		LHZ

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PART . NO.

产品型号

MIMS5003S4003-001

Electrical Characteristics: 性能参数

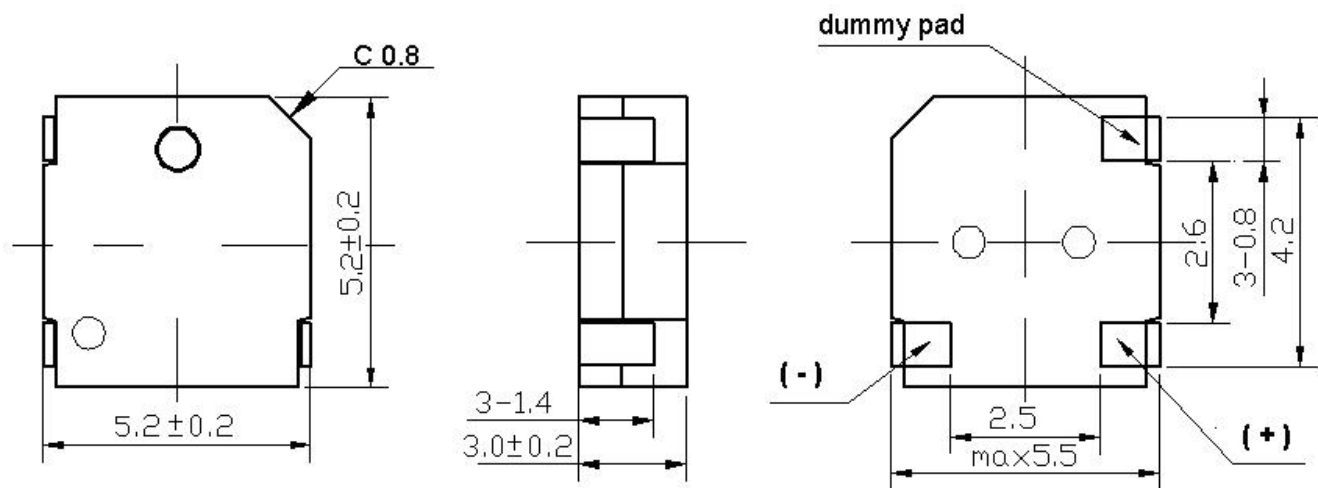
1	额定电压 Rated Voltage(Vo-p)	3.0
2	工作电压 Operating Voltage(Vo-p)	2~4.5
3	线圈电阻 Coil Resistance(Ω)	12 \pm 3
4	在 10cm 处测试声压值 Sound Output at 10cm(dB)	\geq 75
5	消耗电流 Current Consumption(mA)	\leq 110
6	共振频率 Resonant Frequency(Hz)	4000
7	工作温度 Operating Temperature($^{\circ}$ C)	-20~+70
8	储存温度 Storage Temperature($^{\circ}$ C)	-30~+80
9	外壳材料 Housing Material	Black LCP

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

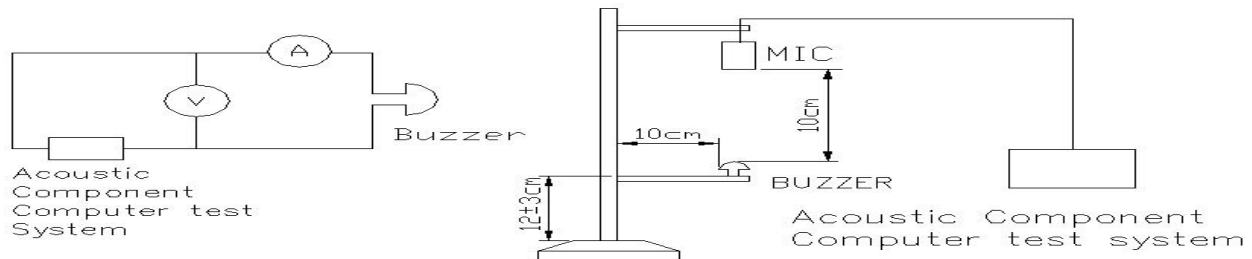
蜂鸣器焊接方法 Buzzer Soldering process	Soldering Parameter		
	温度 Temp.($^{\circ}$ C)	时间 Time(Sec.)	可焊接次数 Times
★回流焊 Reflow soldering	245 \pm 5	180 $^{\circ}$ C 预热 40~70 秒 245 $^{\circ}$ C 3 秒 above 180 $^{\circ}$ C time 40~70	2
波峰焊 Wave soldering	255 \pm 5	4~6	1~2
★手工焊 Manual soldering	350 \pm 10	2~5	1~2

带★号为盛群电声科技推荐的焊接方法 Remark:★ KW Instance Soldering Process

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



测试方法 TEST METHOD



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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.	