

SPECIFICATION FOR APPROVAL

承认书

Customer (客户) : _____

Product Name (产品名称) : _____ 电磁式蜂鸣器 _____

Zhenmei Part No. (臻美型号): _____ MIMS1285P2015A16 _____

Specification (臻美规格) : _____ 12*8.5 _____

Customer's Model No. (客户型号): _____

Specification No. (规格书编号): _____ SQ-TB-18101001A1 _____

Number of the edition (版本号) : _____ A1 _____

CUSTOMER'S APPROVED SIGNATURE 客户承认盖章		



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Approved by 核准	Checked by 审核	Issued by 制成
		JCF

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PART . NO.

产品型号

MIMS1285P2015A16

SPECIFICATION

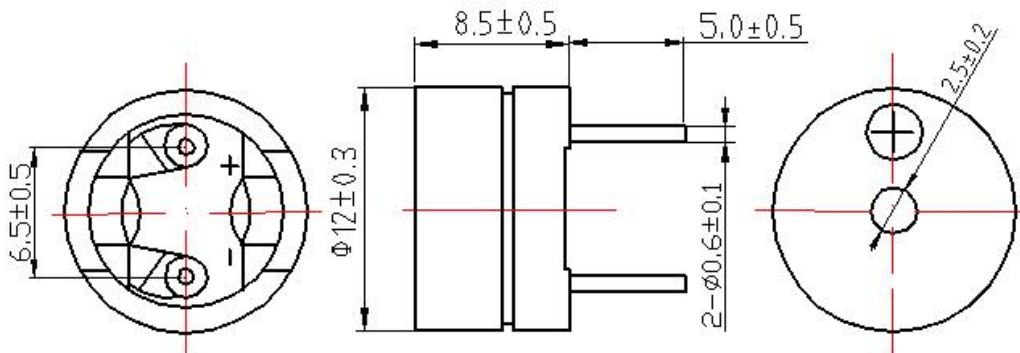
1	额定电压 Rated Voltage(Vo-p)	1.5
2	工作电压 Operating Voltage(Vo-p)	1.2~3
3	线圈电阻 Coil Resistance(Ω)	16 \pm 3
4	在 10cm 处测试声压值 Sound Output at 10cm(dB)	\geq 85
5	消耗电流 Current Consumption(mA)	\leq 80
6	共振频率 Resonant Frequency(Hz)	2048
7	工作温度 Operating Temperature($^{\circ}$ C)	-20~+70
8	储存温度 Storage Temperature($^{\circ}$ C)	-30~+80
9	外壳材料 Housing Material	Black PPO

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

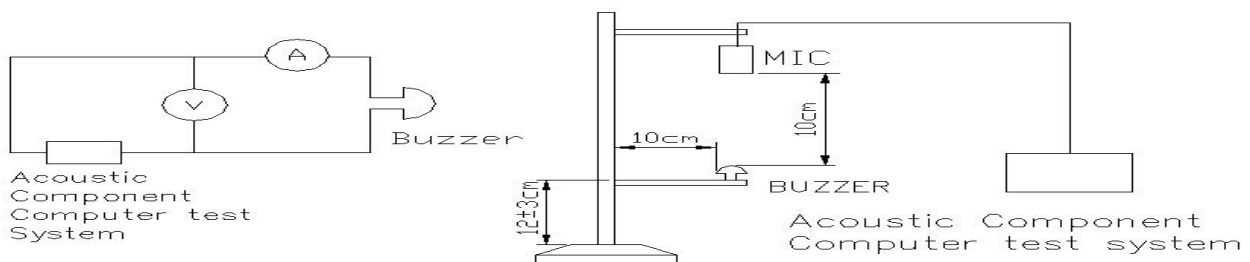
蜂鸣器焊接方法 Buzzer Soldering process	Soldering Parameter		
	温度 Temp.($^{\circ}$ C)	时间 Time(Sec.)	可焊接次数 Times
回流焊 Reflow soldering	245 \pm 15	180 $^{\circ}$ C 预热 40~70 秒 245 $^{\circ}$ C 3 秒 above 180 $^{\circ}$ C time 40~70	2
★波峰焊 Wave soldering	255 \pm 5	4~6	1~2
★手工焊 Manual soldering	350 \pm 10	2~5	1~2

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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Electrical Characteristics: 性能参数

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.	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） 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)
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.	