

承 認 書

SPECIFICATION

客 户/ <i>Customer</i>	<i>INCOMP HK</i>
客户型号 <i>User's Mode No.</i>	
本司型号/ <i>Part. No.</i>	INC-2316W-01

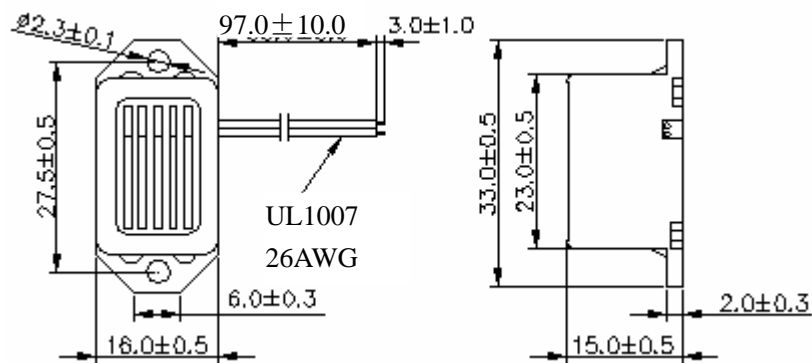
制 作	审 核	批 准

INC-2316W-01

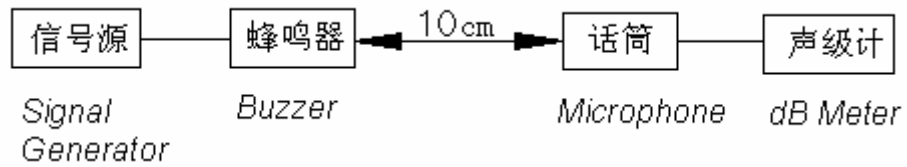
1 . *Electrical Characteristics* 电性能

Type型号		INC-2316W-01
Frequency 频率	(Hz)	400+/-100
Operating Voltage 工作电压范围	(VDC)	1.25 ~ 2.5
Sound Pressure Level 输出音压	(dB)	Min75/30cm/1.5VDC
Current Consumption 工作电流(max)(mA)		30.0at1.5VDC
Tone 音调		Constant
Operating Temperature 工作温度	(°C)	-20- +60
Storage Temperature 贮存温度	(°C)	-30 - +70
material 材质		ABS

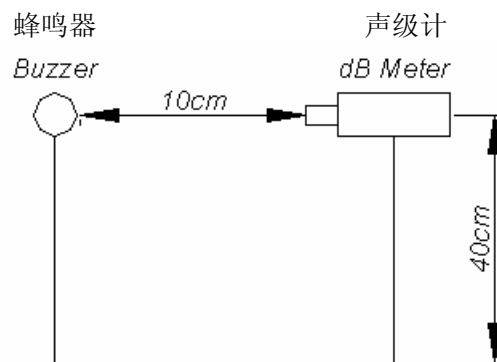
2. *Dimensions:Unit(mm)* 尺寸:单位



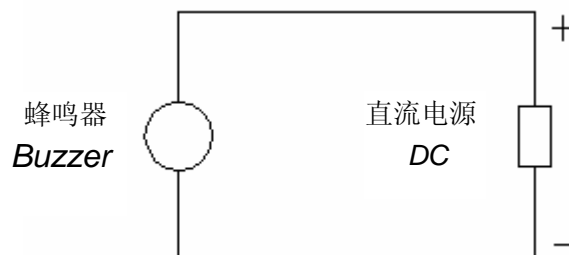
1. 产品测试仪连接:

Connection Diagram Of Testing Apparatus:

2. 产品测试方法:

Testing Method:

3. 驱动电路:

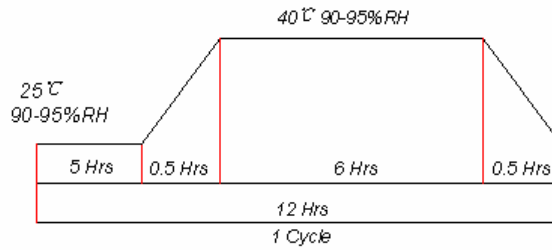
Circuit Diagram:

可靠性试验 **RELIABILITY TEST**

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试验项目 <i>ITEM</i>	测试方法 <i>METHOD OF TEST</i>	标准 <i>STANDARD</i>
高温试验 <i>Dry Heat Test</i>	+70℃±2℃, 96h, 恢复 2 小时后测量 <i>After being placed in a chamber with +70±2℃ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured.</i>	试验后所有指标都满足 <i>All specification must be satisfied after the test.</i>
低温试验 <i>Cold Test</i>	-20℃±2℃, 96h, 恢复 2 小时后测量 <i>After being placed in a chamber with -20±2℃ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured.</i>	试验后所有指标都满足 <i>All specification must be satisfied after the test.</i>
恒定湿热试验 <i>Humidity Test</i>	将产品置于+40℃±2℃, 相对湿度保持在 90%-95%中的环境中放置 96h, 恢复 2 小时后测量。 (见图 FIG.1) <i>After being placed in a chamber with, 90%-95%R.H. at +40℃±2℃ for 96 hours and then being placed in natural condition for 2 hours, sounder shall be measured.</i> <i>(Attached FIG.1)</i>	试验后所有指标都满足 <i>All specification must be satisfied after the test.</i>
温度变化试验 <i>Temperature Cycle Test</i>	产品在-20℃的试验箱和温度为+70℃的试验箱各放置 30 分钟, 为一次温度循环。产品承受 5 次温度循环后, 放置 2h 后进行测量(见图 FIG.2) <i>After being placed in a chamber at -20℃±2℃ for 30 minutes, sounder shall be placed at room temperature(+20℃). After 15 minutes at this temperature, sounder shall be placed in a chamber at +70℃±2℃. After 30 minutes at this temperature, sounder shall be returned to room temperature(+20℃) for 15 minutes. After 5 above cycles, sounder shall be measured after being placed in natural condition for 2 hours. (Attached FIG.2)</i>	试验后所有指标都满足 <i>All specification must be satisfied after the test</i>
振动试验 <i>Vibration Test</i>	频率 10-55-10(Hz), 单振幅: 1.5 (mm) 扫频时间 1min, 振动时间 30min(见图 FIG.3) <i>Sounder shall be measured after being applied vibration of amplitude of 1.5mm with 10-55Hz band of vibration frequency for 30 minutes. Sweep time is 1 minute. (Attached FIG.3)</i>	试验后所有指标都满足。 <i>All specification must be satisfied after the test.</i>
碰撞试验 <i>Shock Test</i>	X,Y,Z 三个方向分别承受 100G 的冲击力, 每向各冲击 3 次 <i>Sounder shall be measured after being applied shock (100G) for each three mutually perpendicular directions to each of 3 times.</i>	试验后所有指标都满足 <i>All specification must be satisfied after the test.</i>
插针的抗拉强度试验 <i>Terminal Strength Pulling Test</i>	插针承受 5 牛顿拉力, 负荷时间 5s, 然后进行检查, 不出现焊点脱落断裂现象 <i>The force 5 seconds of 5N is applied to each terminal. No visible damage and cutting off.</i>	试验后所有指标都满足。 <i>All specification must be satisfied after the test.</i>
可焊性试验 <i>Solder ability Test</i>	焊锡温度 235℃±5℃, 浸润时间为 3±0.5s, 试验后采用目测的方法检查浸润, 表面焊锡的浸润情况 <i>Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +235±5℃ for 3±0.5 seconds.</i>	试验后所有指标都满足。 <i>All specification must be satisfied after the test.</i>

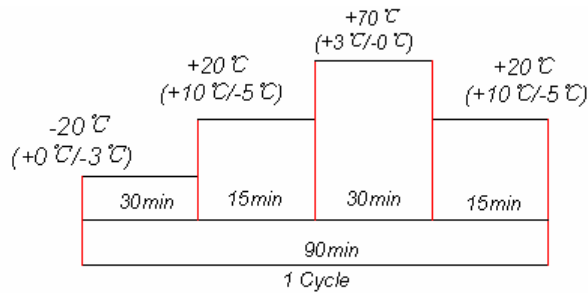
FIG.1



将产品置于+40℃±2℃，相对湿度保持在90%-95%中的环境中放置96h，恢复2h后测量（见图FIG. 1）

After being placed in a chamber with,90%-95%R.H. at +40 °C ± 2 °C for 96hours and then being placed in natural condition for 2 hours,sounder shall be measured (Attached FIG.1)

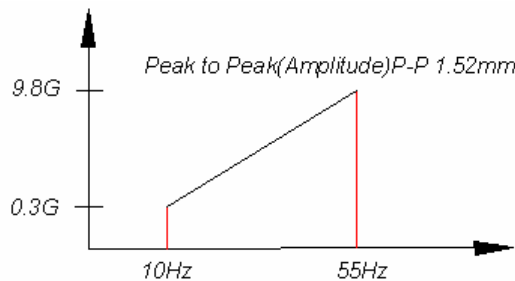
FIG.2



产品在-20℃的试验箱和温度为+70℃的试验箱各放置30min, 为一次温度循环。产品承受5次温度循环后，放置2h后进行测量（见图FIG. 2）

After being placed in a chamber at -20 °C ± 2 °C for 30 minutes,sounder shall be placed at room temperature(+20 °C).After 15 minutes at this temperature,sounder shall be placed in a chamber at +70 °C ± 2 °C.After 30 mintues at thistemperature , sounder shall be returned to room tem-perature(+20 °C)for 15 minutes.After 5 above cycles,sounder shall bemeasured after being placed in natural condition for 2 hours(Attached FIG.2)

FIG.3



频率10-55-10 (Hz)，单振幅：1.5 (mm) 扫频时间1min，振动时间30min（见图FIG. 3）。

Sounder shall be measured after being applied vibration of amplitude of 1.5mm with 10-55Hz band of vibration frequency for 30 minutes.Sweep timeis 1 minute.(Attached FIG.3)

样品测试报告 *Sample Test Report*

INC-2316W-01

样品名称 <i>Sample Description:</i>									
客户 <i>Customer:</i>									
样品数量 <i>Sample Qty:</i>					测试数量 <i>Test Qty:</i>				
技术指标 <i>Specification:</i>									
测试数据 <i>Test Date:</i>									
NO.	S.P.L [dB]	Fr [KHz]	I [mA]	A&D	NO.	S.P.L [dB]	Co [nF]	I [mA]	A&D

测试结果 *Test Result:*

合格 *Pass* []

不合格 *Fail* []

测试人员 *Inspector:*

确认 *Confirmed:*

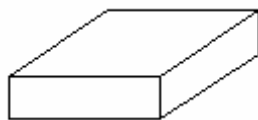
测试日期 *Test Date:*

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产品包装图 **Packing**

1. 发泡塑料盒

Foam Box



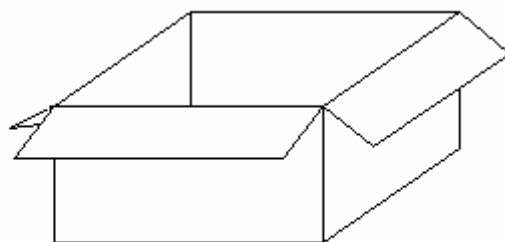
数量: 125 只/盒

Quantity: 125pcs/box



2. 纸箱包装

Carton



数量: 1000 只/箱

毛重: 17Kg; 净重: 16Kg

Quantity: 1000pcs/carton

G.W: 17Kg; N.W: 16Kg