

ROHS

## SPECIFICATION OF PRODUCT

### 産 品 承 認 書

DESCRIPTION : SPEAKER

P M B P/N: PMB77N-0090

**PMB**

상표등록 <제40-0729433호>

**피엠비일렉텍**

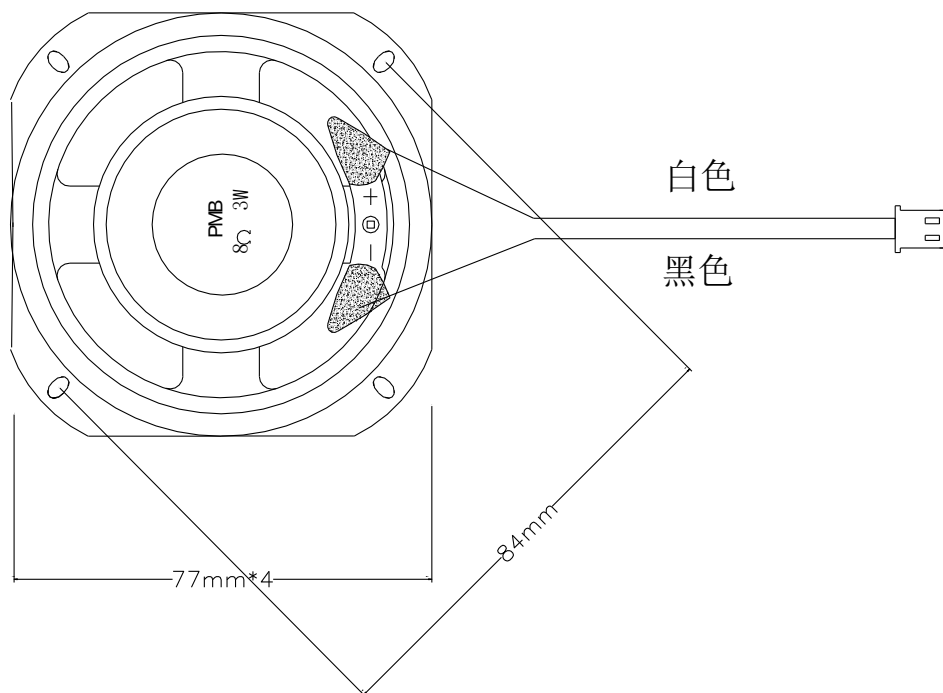
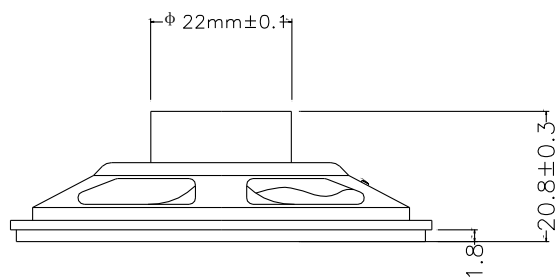
**PMB ELECTECH**

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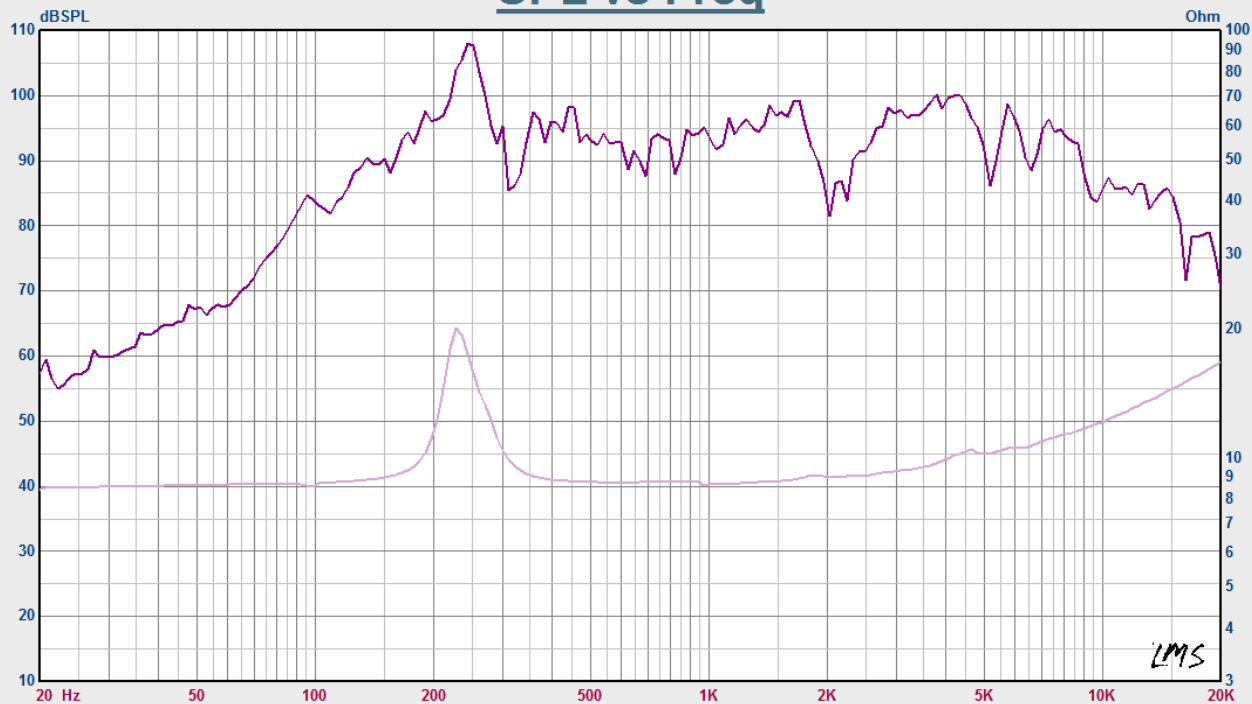
| 特 性 规 格 书 (SPECIFICATIONS)                             |  |                                                                                                                                                                    |  |                                                                                                                              |  |
|--------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|
| 机种编号 (MODEL NO.)                                       |  | PMB77N-0013 8Ω 3W                                                                                                                                                  |  |                                                                                                                              |  |
| (一): 规格 (SPECIFICATION)                                |  |                                                                                                                                                                    |  |                                                                                                                              |  |
| 规格尺寸 (SPEC. DIMENSION )                                |  | INCHS / mm : 77 mm*77mm                                                                                                                                            |  |                                                                                                                              |  |
| 输入功率 (POWER INPUT)                                     |  | 额定功率 (RATED POWER INPUT): 3W; 最大功率 (MAX POWER INPUT): 4W                                                                                                           |  |                                                                                                                              |  |
| 磁铁 (MAGNET)                                            |  | 主磁 (Main) ϕ 12.5*3.0H N35 ; 副磁 (Sub) ϕ X H X N35                                                                                                                   |  |                                                                                                                              |  |
| 重量 (WEIGHT)                                            |  | g oz                                                                                                                                                               |  |                                                                                                                              |  |
| (二): 电气及机械特性 (ELECTRICAL & MECHANICAL CHARACTERISTICS) |  |                                                                                                                                                                    |  |                                                                                                                              |  |
| 项 目 (ITEM)                                             |  | 规 格 ( SPECIFICATIONS )                                                                                                                                             |  | 检 测 条 件 ( TEST CONDITION )                                                                                                   |  |
| 纯音检查<br>( OPERATION )                                  |  | 无异常<br>Without buzz and rattle                                                                                                                                     |  | Supply the rated sinusoidal power 3W/4.90V at 30 cm from 200 fo to 2000 Hz                                                   |  |
| 额定阻抗 ( IMPEDANCE )                                     |  | 8 Ω ± 15% Ω                                                                                                                                                        |  | At 1000 Hz , 1.0V 20°C                                                                                                       |  |
| 共振频率<br>RESONANT FREQ( Fo )                            |  | 240±20% Hz                                                                                                                                                         |  | 供给额定阻抗 0.1W 功率的电压值.<br>Supply the rated impedance 0.1W power voltage                                                         |  |
| 有效频宽<br>RATED FREQ RANGE                               |  | FO~ 9KHZ± 0.2 KHz                                                                                                                                                  |  | FO~9 KHz. Average SPL -10 dB                                                                                                 |  |
| 输出音压<br>SOUND<br>PRESSURE LEVEL ( SPL )                |  | 92± 3 dB ( 1W 0.5m )                                                                                                                                               |  | At 0.8 , 1.0 , 1.2K, 1.5 KHz average at 1 watton axis calculated from 0.5meter/<br>2.80 V measurement                        |  |
| 外观检查<br>APPEARANCE TEST                                |  | 无划伤、污垢、破裂<br>Without scratches dirts cracks                                                                                                                        |  | Under 40W light at 40 cm                                                                                                     |  |
| 极性检查<br>POLARITY TEST                                  |  | 信号输入(+)端子时, 振动板向前振动                                                                                                                                                |  | MARKING: <input checked="" type="checkbox"/> (+) <input type="checkbox"/> RED<br>The diaphragm shall move forward the magnet |  |
| (三): 可靠性试验 (RELIABILITY TEST)                          |  |                                                                                                                                                                    |  |                                                                                                                              |  |
| 项 目 (ITEM)                                             |  | 检 测 条 件 ( TEST CONDITION )                                                                                                                                         |  |                                                                                                                              |  |
| 失真率 (DISTORTION)                                       |  | (1) 1.2Fo < F ≤ 500Hz ≤5 % ; (2) 500Hz < F ≤ 5000Hz ≤3 % (0.5 m 92dB)                                                                                              |  |                                                                                                                              |  |
| 磁束密度 (FLUX DENSITY)                                    |  | GUASS                                                                                                                                                              |  |                                                                                                                              |  |
| 耐寒试验 (COLD TEST)                                       |  | - 25°C 16Hrs 试验结束后要满足电气特性(Shall meet items characteristic after test )                                                                                             |  |                                                                                                                              |  |
| 绝缘抵抗<br>(INSULATION)                                   |  | 扬声器端子绝缘板以外金属部分之间有 2MΩ 500V 以上.<br>More than 2MΩ 500V between a terminal &a bare metal section of SPK.                                                              |  |                                                                                                                              |  |
| 高温试验<br>(HUMIDTY HEAT TEST)                            |  | 40°C 95%RH 96H 试验后放置 1/2 小时, 需要满足外观构造以及电气特性要求.<br>After 1/2H exposure speaker will meet electrical characteristic & not show any Visual or structural degradations |  |                                                                                                                              |  |
| 耐湿性周期性<br>HUMIDITY CYCLIC TEST                         |  | 80~96% RH -10°C~65°C 24 小时为 1 个周期, 共 10 个周期<br>Followed by 10 cycles of 24 hours                                                                                   |  |                                                                                                                              |  |
| 连续负荷试验<br>(LOAD TEST)                                  |  | 白噪声在额定功率上试验 96H, 动作须正常。<br>White noise at nom. power test at least96H, operation must be normal.                                                                   |  |                                                                                                                              |  |
| 漏磁密度<br>(FLUX LEAKAGE)                                 |  | 距离后盖 mm 漏磁束 ≤ MT<br>The distance between the tester and the cover of SPK mm                                                                                        |  |                                                                                                                              |  |
| 落下试验<br>(DROPPING TEST)                                |  | 75° ± 2° 1.15 m                                                                                                                                                    |  |                                                                                                                              |  |
| 设计 (DESIGN)                                            |  | 审核 (AUDITING)                                                                                                                                                      |  | 核准 (APPROVE)                                                                                                                 |  |



|              |    |
|--------------|----|
| 单位 Unit      | mm |
| 比例 Scale     |    |
| 涂复 Finishing |    |
| 净重 Net Wt.   | g  |

|                                               |                            |              |
|-----------------------------------------------|----------------------------|--------------|
| 机种编号 (MODEL NO.):<br><b>PMB77N-0013 8Ω 3W</b> | 图面名称(DRAWING NAME):<br>整机图 | 备注(REMARK):  |
| 设计 (DESIGN) :                                 | 审核 (AUDITING) :            | 核准(APPROVE): |

SPL vs Freq



|     |                                         |  |
|-----|-----------------------------------------|--|
| Map | 31: 小范77N                               |  |
| 附注  |                                         |  |
|     |                                         |  |
|     | Data Measured: Jan 18, 2006 Wed 1:03 am |  |

|                             |            |                  |                             |                           |
|-----------------------------|------------|------------------|-----------------------------|---------------------------|
| LMS 4.5.0.331<br>六月-15-2003 | 个人:<br>公司: | 工程:<br>文件:朱工.lib | Jan 18, 2006<br>Wed 1:06 am | LINEAR X<br>S Y S T E M S |
|-----------------------------|------------|------------------|-----------------------------|---------------------------|

|                                        |                            |                |
|----------------------------------------|----------------------------|----------------|
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