

規格承認書

PECIFICATION FOR APPROVAL

客戶
CUSTOMER : 通用型規格書 电压范围 3-24V
項目
ITEM : 压电有源蜂鸣器 (内含驱动电路)
型號
TYPE : GPD2416YB-3-24V3500
描述
DESCRIPTION : 23.5 x 16 MM 3500Hz 3-24V >=90DB PBT 材质 P=15MM
客戶料號
CUSTOMER NO. :
規格書號
SPECIFICATION NO.:
版本
EDITION NO. : V1.0
日期
DATE : 20

客戶承認

CUSTOMER CONFIRM AND SIGN

| 檢查 TESTED BY | 審核 CHECKED BY | 承認 APPROVED BY |
|-----------------|------------------|-------------------|
| | | |

東莞市贏海電子有限公司

DONGUAN INGHAIELECTRONICS CO.,LTD

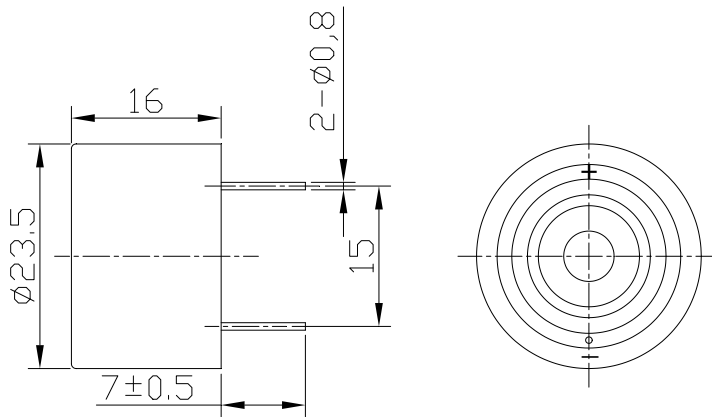
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|-----------------|------------------|-------------------|
| 周明 | | |

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DONGGUAN INGHAI ELECTRONICS CO.,LTD

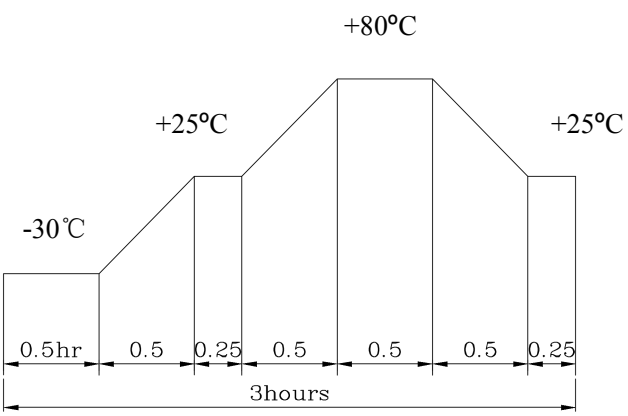
Model NO: GPD2416YB-3-24V3500

DIMENSIONS Unit:mm Tolerance: ± 0.5



SPECIFICATIONS

| | |
|------------------------------------|-------------------|
| Model NO | GPD2416YB |
| Rated Voltage | 3-24VDC |
| Operating Voltage | 3-28VDC |
| Max.Rated Current | Max.15mA |
| sound Pressure level(dB/min)at10cm | Min.90dB |
| Resonant Frequency | 3500 ± 500 Hz |
| Operating Temperature | -20 °C~+75 °C |
| Storage Temperature | -30 °C~+85 °C |

| NO. | ITEM | TEST CONDITION AND REQUIREMENT |
|-----|---------------------------------|---|
| 1 | High Temperature Test (Storage) | After being placed in a chamber with $80 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$. |
| 2 | Low Temperature Test (Storage) | After being Placed in a chamber with $-30 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$. |
| 3 | Humidity Test | After being Placed in a chamber with 80-85% R.H. at $40 \pm 2^\circ\text{C}$ for 48 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: $\pm 10\text{dB}$. |
| 4 | Temperature Cycle Test | The part shall be subjected to 5 cycles. One cycle shall be consist of:  <p>The diagram shows a temperature cycle profile over 3 hours. It starts at -30°C for 0.5 hours, then ramps up to $+25^\circ\text{C}$ in 0.5 hours, holds at $+25^\circ\text{C}$ for 0.25 hours, ramps up to $+80^\circ\text{C}$ in 0.5 hours, holds at $+80^\circ\text{C}$ for 0.5 hours, ramps down to $+25^\circ\text{C}$ in 0.5 hours, holds at $+25^\circ\text{C}$ for 0.25 hours, and finally ramps down to -30°C in 0.5 hours. The total cycle time is 3 hours.</p> Allowable variation of SPL after test: $\pm 10\text{dB}$. |
| 5 | Solderability Test | Lead terminals are immersed in rosin for 3 seconds and then immersed in solder bath of $+320 \pm 10^\circ\text{C}$ for 3 seconds . 90% min. lead terminals shall be wet with solder (Except the edge of terminals). |
| 6 | Terminal Strength Pulling Test | The force of 5N is applied to each terminal in axial direction for 5 seconds. No visible damage and cutting off. |

TEST CONDITION.

| | | | | |
|-------------------------|---|--|----------------------|----------------------------|
| Standard Test Condition | : | a) Temperature : $+5 \sim +35^\circ\text{C}$ | b) Humidity : 45-85% | c) Pressure : 860-1060mbar |
| 一般测试条件 | : | a) 温度 : $+5 \sim +35^\circ\text{C}$ | b) 湿度 : 45-85% | c) 气压 : 860-1060mbar |
| Judgment Test Condition | : | a) Temperature : $+25 \pm 2^\circ\text{C}$ | b) Humidity : 60-70% | c) Pressure 860-1060mbar |
| 争议时测试条件 | : | a) 温度 : $+25 \pm 2^\circ\text{C}$ | b) 湿度 : 60-70% | c) 气压 : 860-1060mbar |

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