

# 規格承認書

## PECIFICATION FOR APPROVAL

客 戶  
CUSTOMER : 通用型规格书 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 : GPD30245L100-3-36V3500  
描述  
DESCRIPTION :  $\phi 29.5 \times H24.5 \text{ mm}$  3500Hz 3-36V  $\geq 110\text{dB}$  L=100mm  
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 INGHAİ ELECTRONICS CO.,LTD

製作 ISSUED BY	審查 CHECKED BY	確認 APPROVED BY
周明	李林	

地址：廣東省東莞市長安鎮上沙第五工业区新春 1 路新春科技园

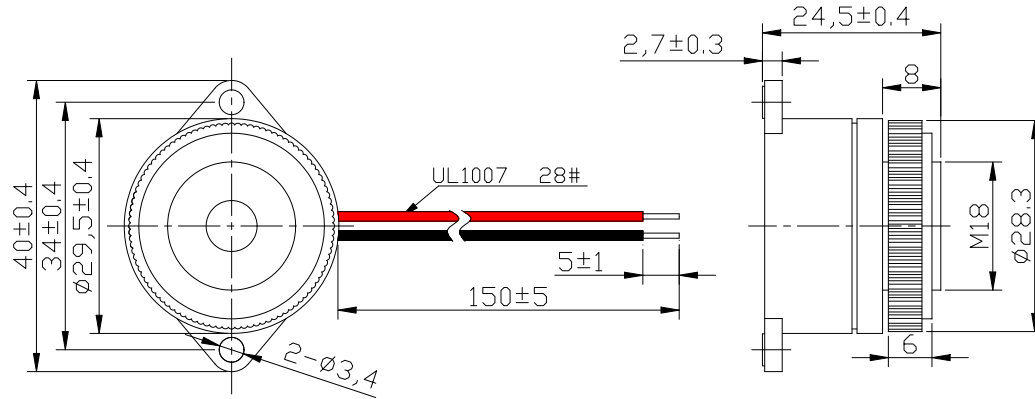
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網址: HTTP://WWW.INGHAİ.COM

# DONGGUAN INGHAI ELECTRONICS CO.,LTD

**Model NO:** GPD30245L100-3-36V3500

**A: DIMENSIONS** Unit:mm Tolerance:  $\pm 0.5$  线长 L100mm

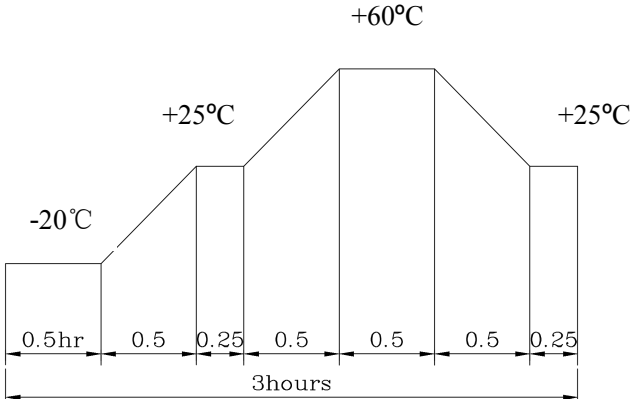


## B: SPECIFICATIONS

Model NO	GPD30245L100
Rated Voltage	3-36VDC
Operating Voltage	3-38VDC
Max.Rated Current	Max.50mA
sound Pressure level(dB/min)at10cm	Min.110dB
Resonant Frequency	$3500 \pm 500$ Hz
Operating Temperature	$-20 \text{ }^{\circ}\text{C} \sim +60 \text{ }^{\circ}\text{C}$
Storage Temperature	$-30 \text{ }^{\circ}\text{C} \sim +70 \text{ }^{\circ}\text{C}$

### Measuring condition

Part shall be measured under a condition (Temperature:  $5 \sim 35^{\circ}\text{C}$ , Humidity:  $45\% \sim 85\%$ R.H., Atmospheric pressure:  $860 \sim 1060$ hPa) unless the standard condition (Temperature:  $25 \pm 3^{\circ}\text{C}$ , Humidity:  $60 \pm 10\%$ R.H. Atmospheric pressure:  $860 \sim 1060$ hPa) is regulated to measure.

NO.	ITEM	TEST CONDITION AND REQUIREMENT
1	High Temperature Test (Storage)	After being placed in a chamber with $60 \pm 2^\circ\text{C}$ 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 $-20 \pm 2^\circ\text{C}$ 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 90-95% 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	<p>The part shall be subjected to 5 cycles. One cycle shall be consist of:</p>  <p>The diagram illustrates a temperature cycle profile over a 3-hour period. It starts at <math>-20^\circ\text{C}</math> for a 0.5-hour dwell. The temperature then rises to <math>+25^\circ\text{C}</math> (0.5h dwell), reaches <math>+60^\circ\text{C}</math> (0.25h dwell), and then falls back to <math>+25^\circ\text{C}</math> (0.5h dwell). The cycle repeats with a 0.5-hour dwell at <math>+25^\circ\text{C}</math> and a final 0.25-hour dwell at <math>+25^\circ\text{C}</math>.</p> <p>Allowable variation of SPL after test: <math>\pm 10\text{dB}</math>.</p>
5	Solderability Test	Lead terminals are immersed in rosin for 3 seconds and then immersed in solder bath of $+300^\circ\text{C}$ for 3seconds . 90% min. lead terminals shall be wet with solder (Except the edge of terminals).