

# BPI 2612P-01 A

PIEZO BUZZER

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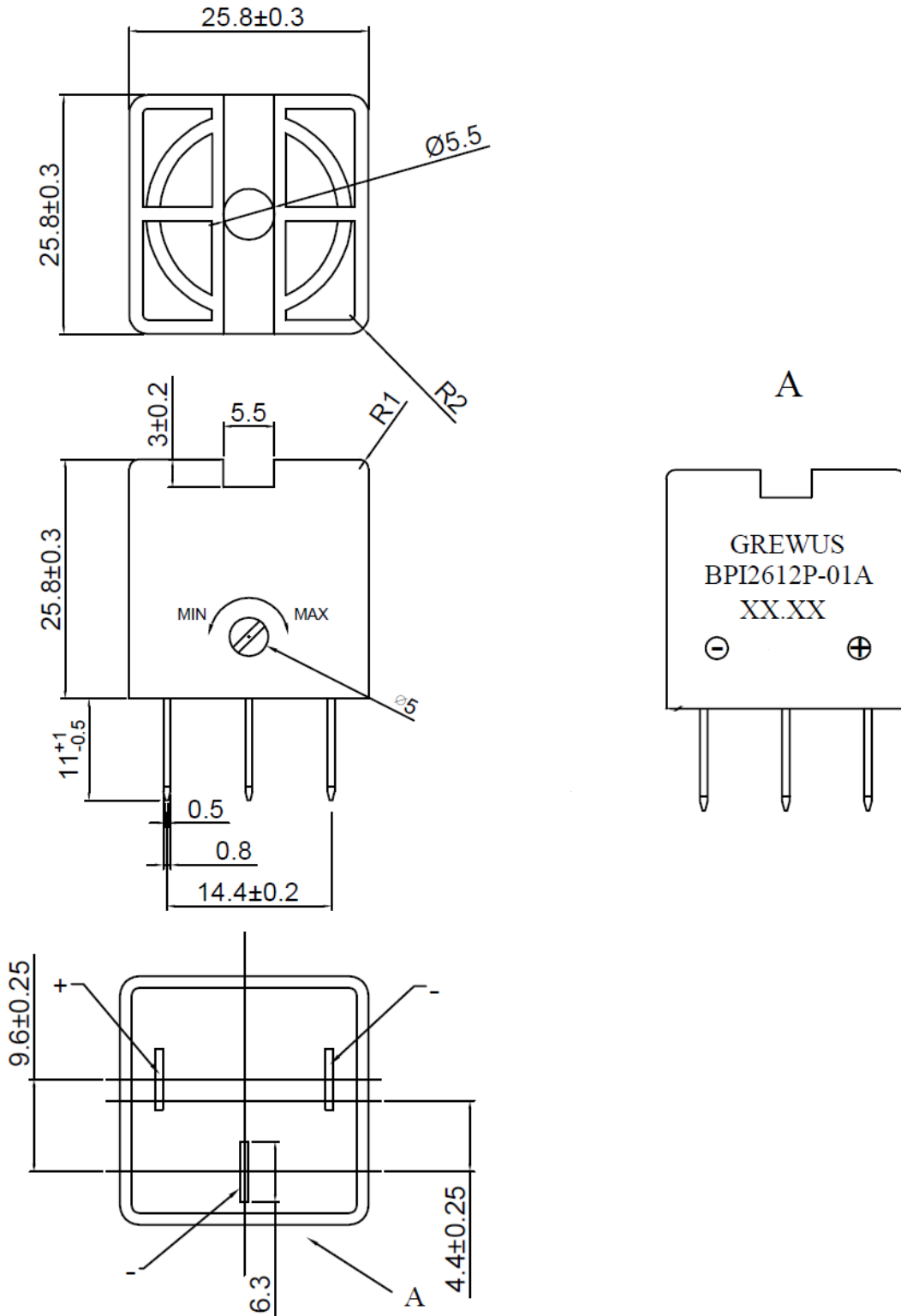


## 1. SPECIFICATIONS

Parameter	Unit	Conditions / Description	MIN	TYP	MAX
Rated Voltage	VDC			12	
Operating Voltage	VDC		9		16
Current Consumption	mA				15
SPL	dB	When adjusted in "MAX"-Position In 30cm distance	92		
Resonance Frequency	Hz		2.800	3.300	3.800
DC Resistance	$\Omega$	Between + and -	2.090	2.200	2.310
Housing Colour				BLACK	
Tone Characteristic				CONSTANT TONE	
Contact				PIN	
Packaging				TRAY	
Operating Temperature	$^{\circ}\text{C}$		-30		+85
Storage Temperature	$^{\circ}\text{C}$		-30		+85
Weight	g			10	

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CHANGED BY	Rabea Richter	DATE	2019.09.17				
DRAWING NO.	393596179						

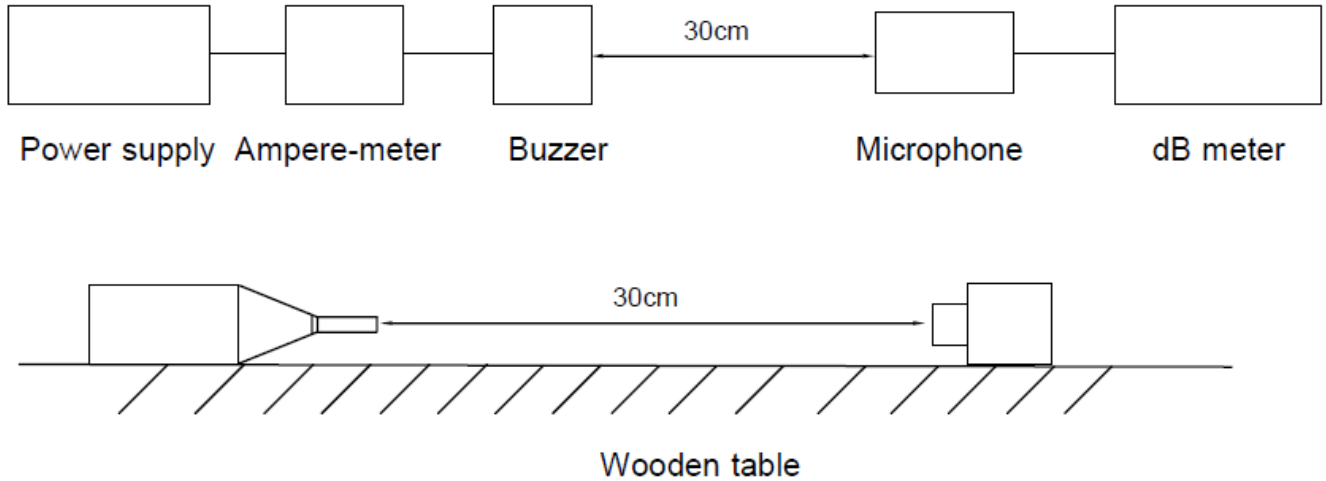
### 2. DRAWING



Tolerance:  $\pm 0.2$  Unit: mm

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### 3. TEST METHOD



### 4. RELIABILITY TEST

#### 4.1 High Temperature Test

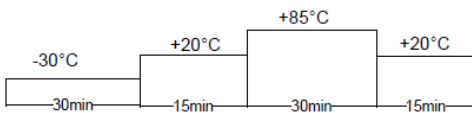
Temperature      +85°C  
Duration            96 hours

#### 4.2 Low Temperature Test

Temperature      -30°C  
Duration            96 hours

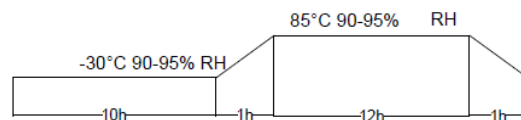
#### 4.3 Temperature Cycle Test

Cycles             5



#### 4.4 Humidity Cycle Test

Cycles             5



All these tests above should be measured after leaving normal temperature for 3 hours.

#### 4.5 Drop Test

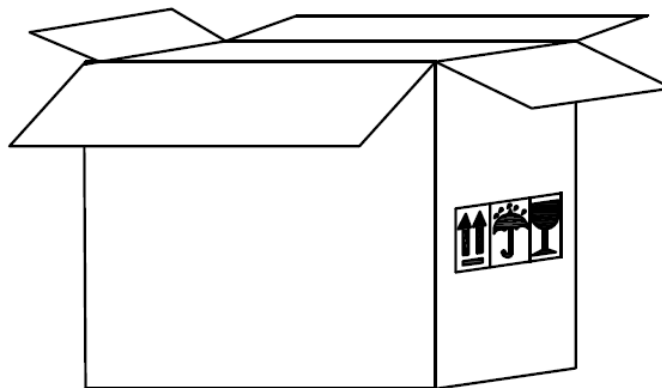
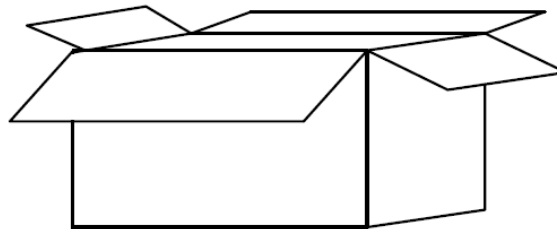
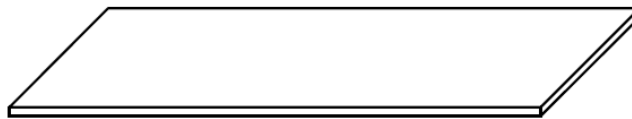
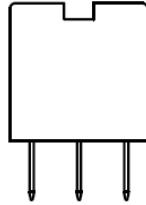
Height             70 cm  
Direction          3

#### Notice:

All specification must be satisfied in this condition.

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5. PACKING



5.1 PACKING QUANTITY

225pcs per small carton  
 4 small cartons per carton  
 900pcs per carton in total  
 Carton size: 43x26.5x32.5cm

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6. HISTORY CHANGE RECORD

REV	CHANGE ITEMS		DATE
	BEFORE CHANGE	AFTER CHANGE	
1		Add Reliability Test and Test Method	2010.08.04
2	Old Layout	New Layout	2019.09.17

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