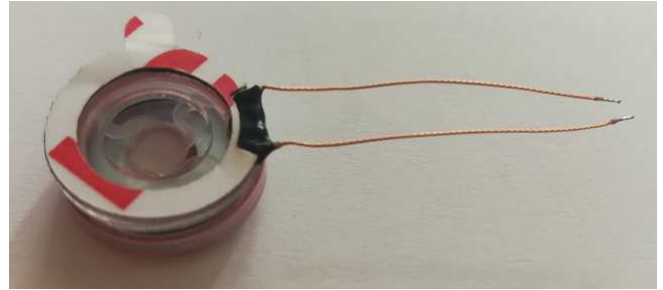


# EXR 1608W A

BUZZER

## CONTENT

1. Specifications
2. Drawing
3. Test Method
4. Reliability Test
5. Packing
6. History Change Record

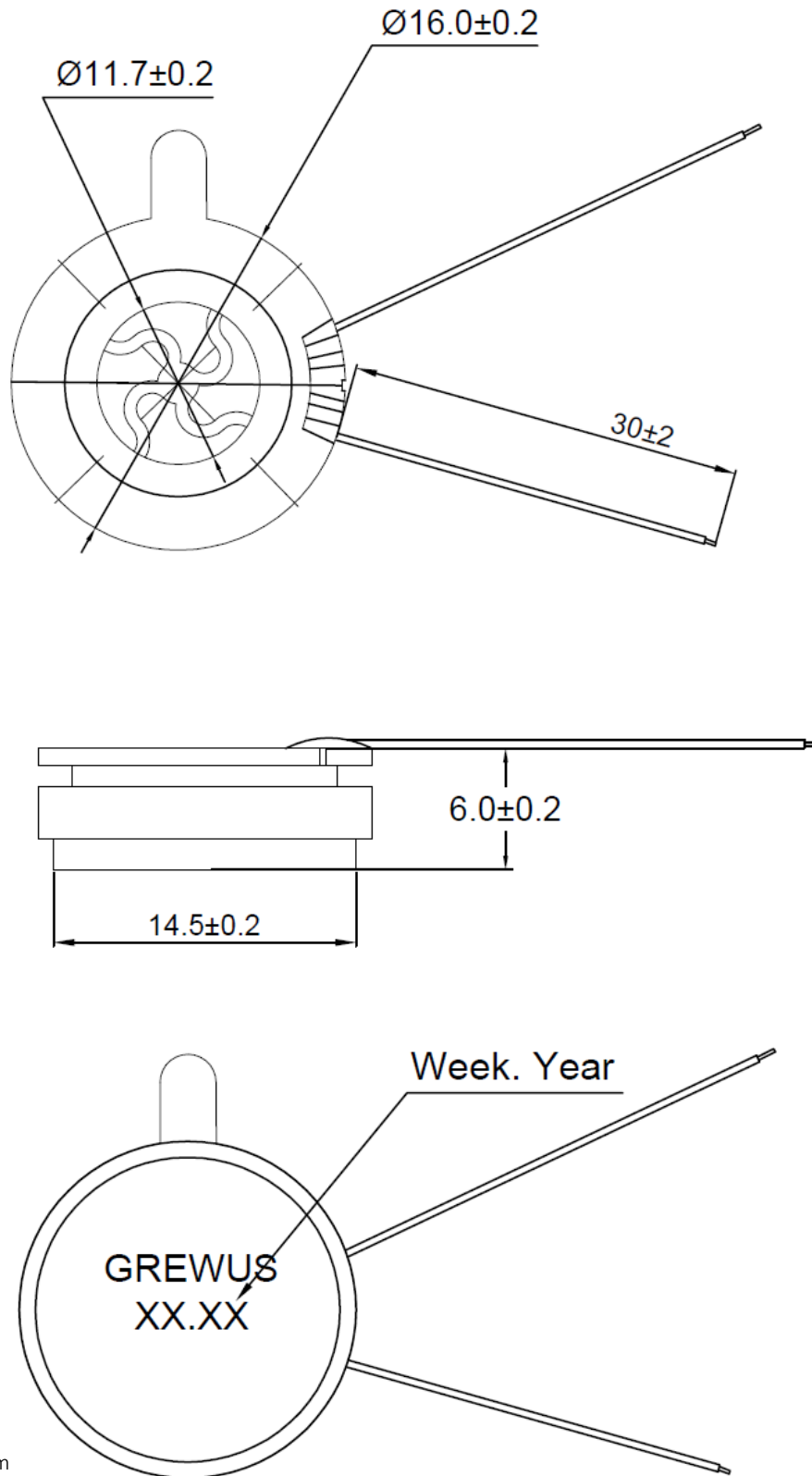


## 1. SPECIFICATIONS

Parameter	Unit	Conditions / Description	MIN	TYP	MAX
AC Impedance	$\Omega$	At 1.000Hz	6,8	8	9,2
Input Power	W			0,5	1
SPL	dB(A)	At 1W, 0.1m, 1.000Hz	75	78	81
Resonance Frequency	Hz		400	500	600
Frequency Response	Hz		F0		15.000
THD	%	At 1W, 0.1m, 1.000Hz			5
Buzz & Rattle		Must be normal at sine wave 2Vrms			
Polarity		Positive voltage to (+), Diaphragm moves forward			
Contact				WIRE	
Packaging				TRAY	
Operating Temperature	$^{\circ}\text{C}$		-20		+55
Storage Temperature	$^{\circ}\text{C}$		-20		+70
Weight	g			3,66	

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CHANGED BY	Rabea Richter	DATE	2020.01.14				
DRAWING NO.	434124284						

#### 2. DRAWING

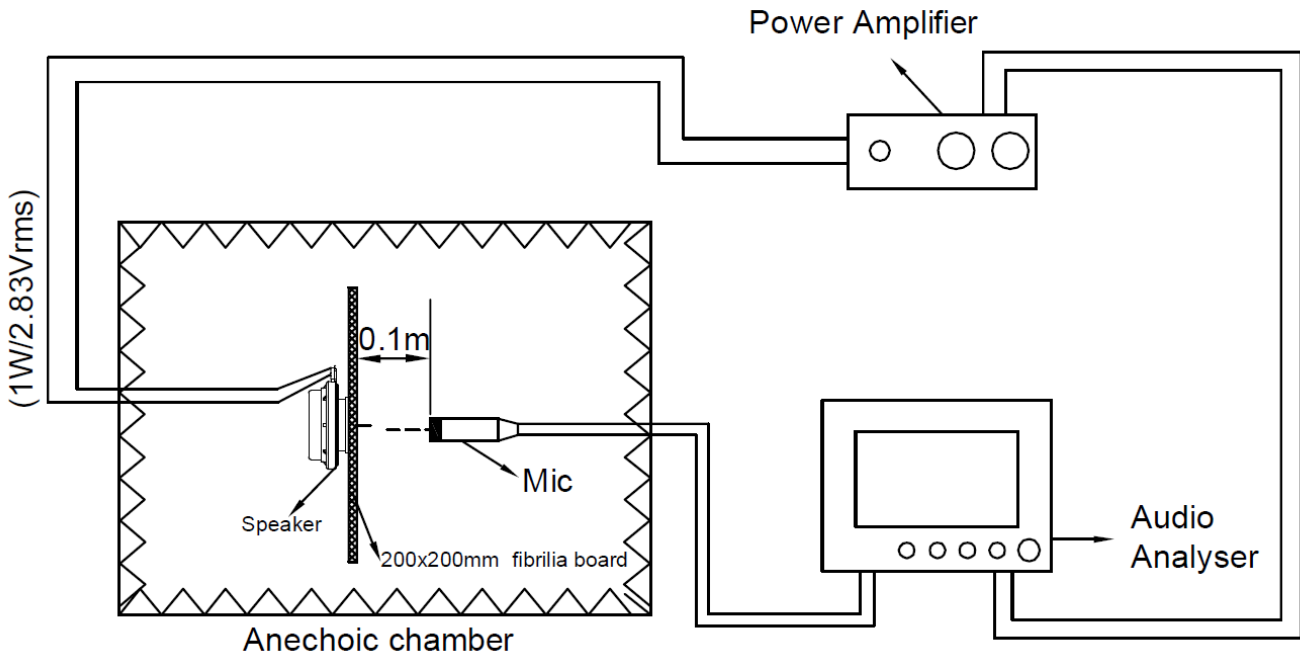


Tolerance  $\pm 0.2$  Unit: mm

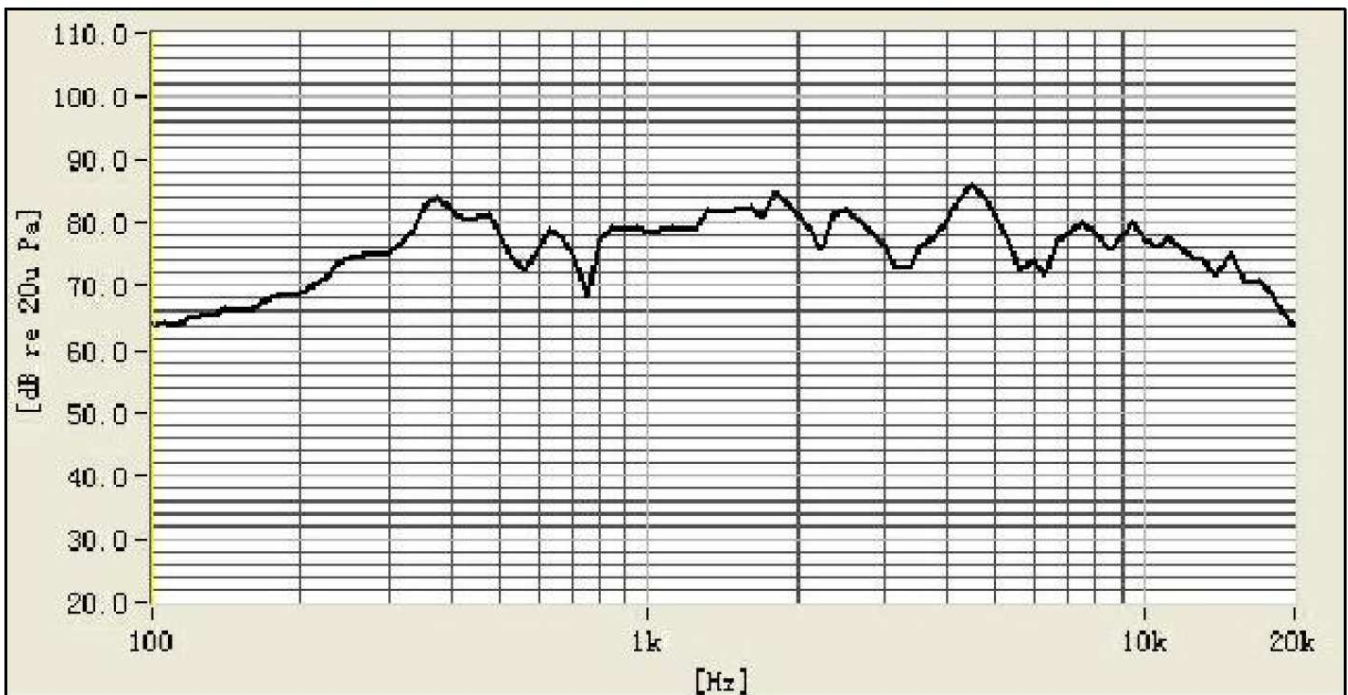
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CHANGED BY	Rabea Richter	DATE	2020.01.14				
DRAWING NO.	434124284						

### 3. TEST METHOD

#### 3.1 TEST SETUP

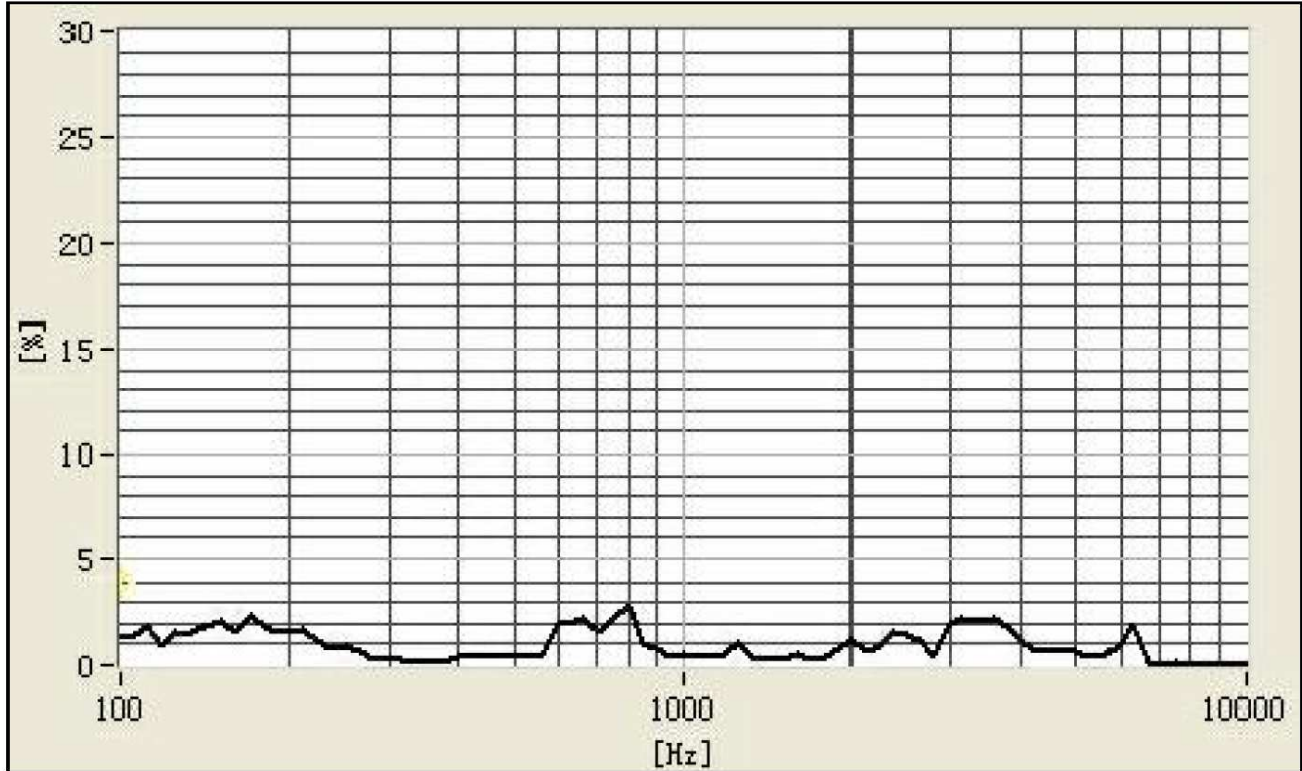


#### 3.2 FREQUENCY RESPONSE CURVE (only for reference)

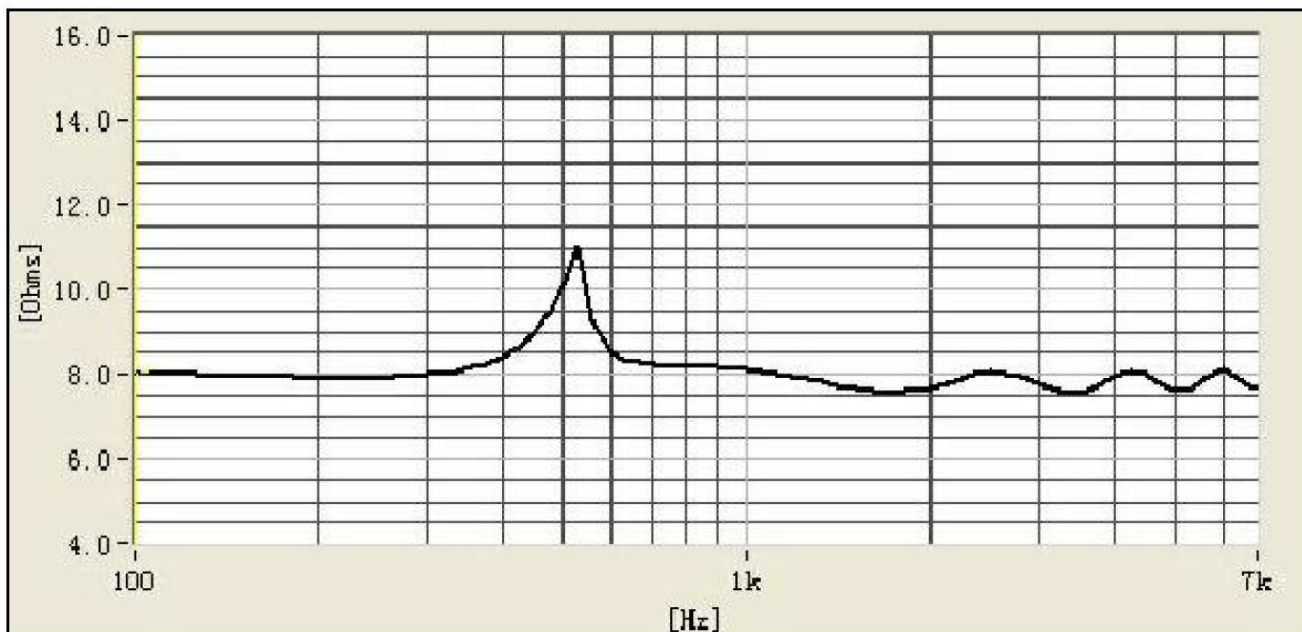


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DRAWING NO.	434124284						

### 3.3 TOTAL HARMONIC DISTORTION CURVE (only for reference)

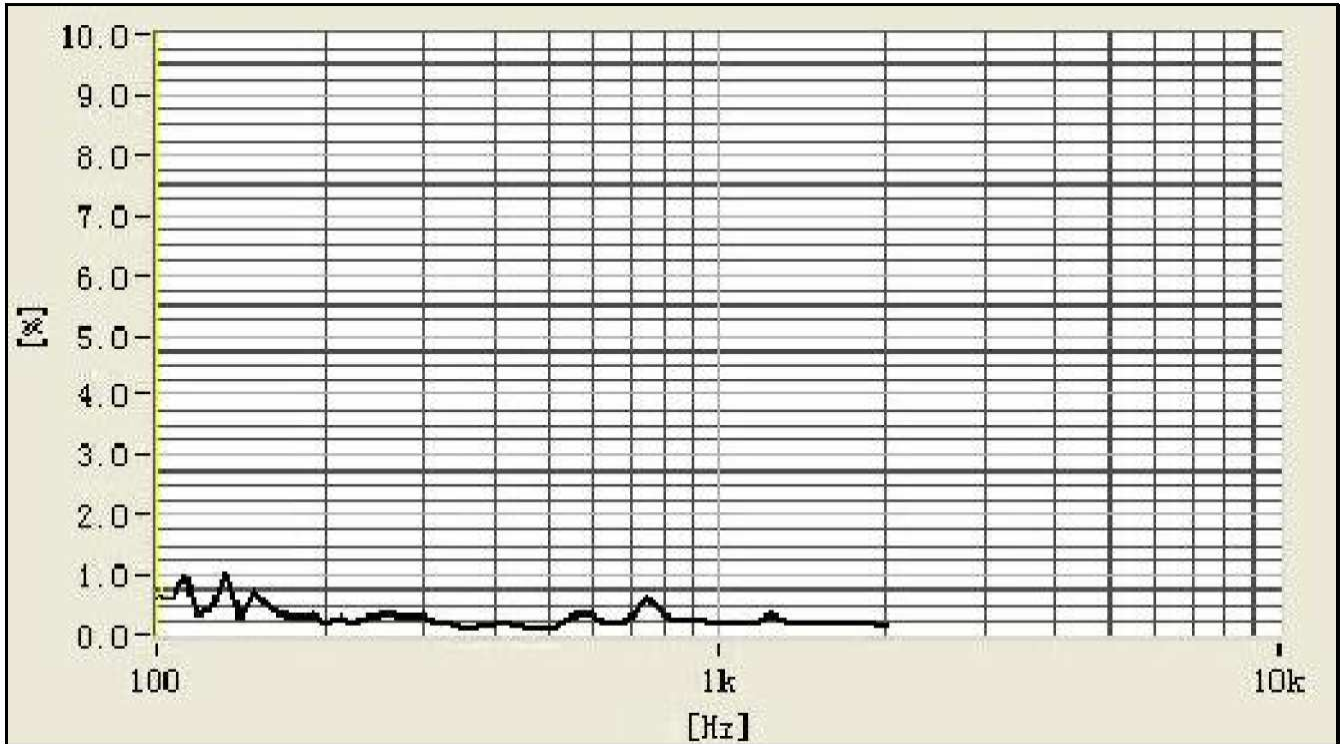


### 3.4 IMPEDANCE CURVE (only for reference)



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### 3.5 RUB & BUZZ ACTIVE CURVE (only for reference)



## 4. RELIABILITY TEST

### 4.1 Load Test

Power (Nom) 0.5W (white noise)  
 Duration 96 hours

### 4.3 Low Temperature Test

Temperature  $-20 \pm 2^{\circ}\text{C}$   
 Duration 96 hours

### 4.2 High Temperature Test

Temperature  $+55 \pm 2^{\circ}\text{C}$   
 Duration 96 hours

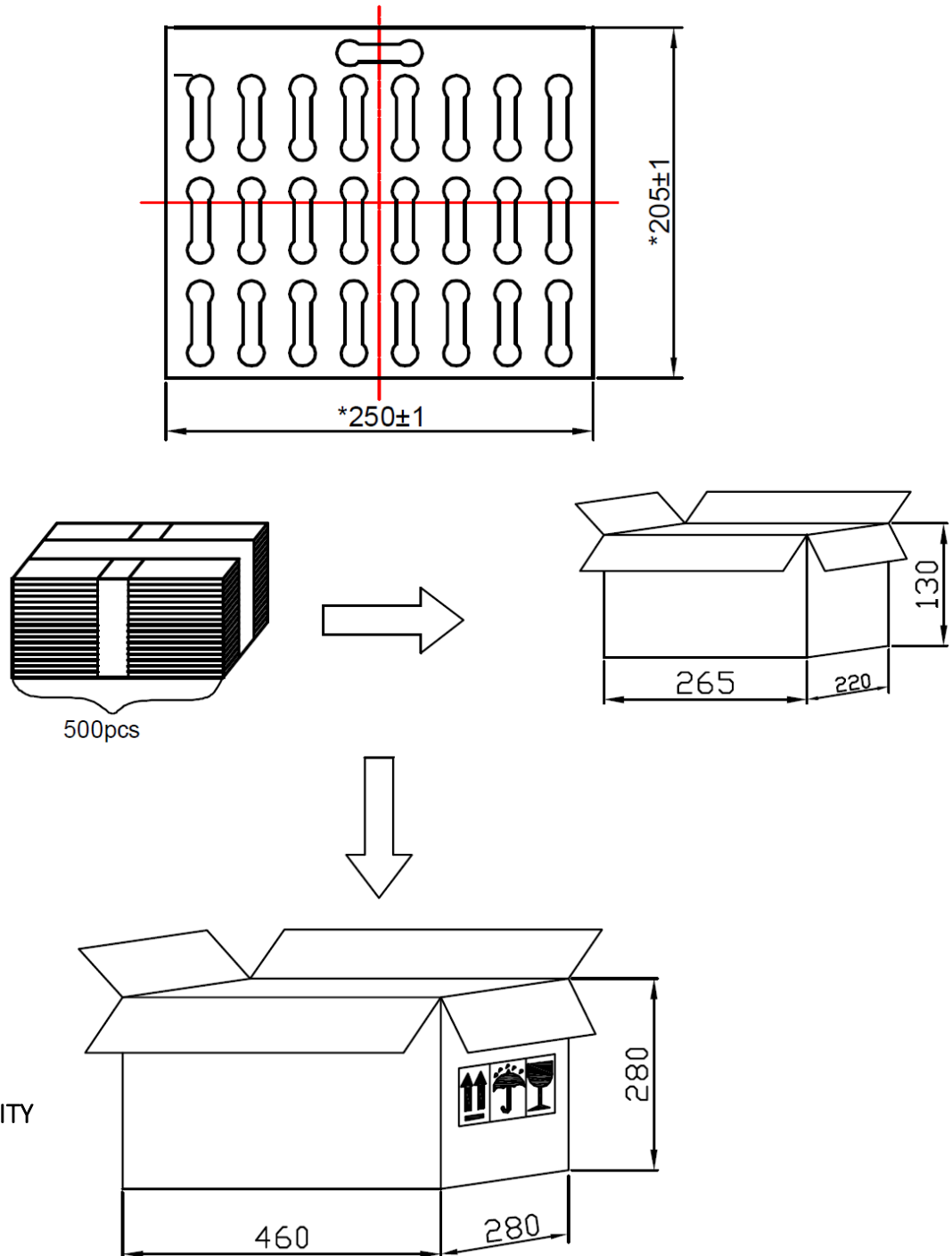
### 4.4 Damp Heat

Temperature  $+40 \pm 2^{\circ}\text{C}$   
 Relative Humidity 90~95% RH  
 Duration 96 hours

**Notice:** After the test leave the part at room temperature for 1 hour, SPL shall not deviate by  $\pm 3\text{dB}$  from pre-test measurement and meet above spec. item 7, 8, 9

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#### 5. PACKING



#### 5.1 PACKING QUANTITY

50 pcs per tray  
 10 trays per unit  
 500 pcs per carton in total  
 4 cartons per box  
 2000 pcs per box in total  
 Box size 46x28x28x

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6. HISTORY CHANGE RECORD

REV	CHANGE ITEMS		DATE
	BEFORE CHANGE	AFTER CHANGE	
1	Old Layout	New Layout	2019.08.09
2		Update Drawing: Add printing	2020.01.14

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CHANGED BY	Rabea Richter	DATE	2020.01.14		
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