

BACKUP ALARM

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1. SPECIFICATIONS

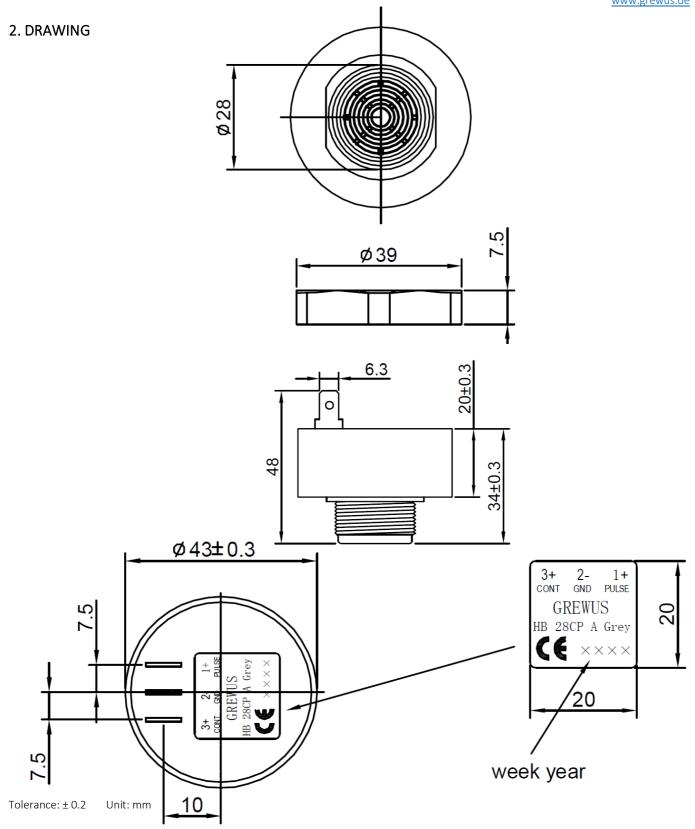
Parameter	Unit	Conditions / Description	MIN	TYP	MAX	
Rated Voltage	VDC			12		
Operating Voltage	VDC		5		28	
Current Consumption	mA	At rated voltage			20	
SPL	dB	At rated voltage, in 1m distance	82	85	88	
Resonance Frequency	Hz		2.400	2.900	3.400	
Tone Characteristic		Pin2 (-) & Pin3 (+)		CONSTANT TONE		
		Pin1 (+) & Pin2 (-)		PULSE TONE		
		Pin1 (+), Pin3 (+) & Pin2 (-)		PULSE TONE		
IP Rating	IP	After consultation, IP65 is possible	IP54			
Housing Colour				BLACK OR GREY		
Contact				PIN		
Packaging				BOX		
Operating Temperature	°C		-20		+65	
Storage Temperature	°C		-30		+75	
Weight	g		32	40	48	

DESIGNED BY	Ralf Hinnerichs	DATE	2007.10.08	PART NO.	INDEX
RELEASED BY	Ralf Hinnerichs	DATE	2007.10.08		
CHANGED BY	Rabea Richter	DATE	2020.11.25	HB 28CP A	ΑΙ
DRAWING NO.	393636452			118 2001 71	, ,



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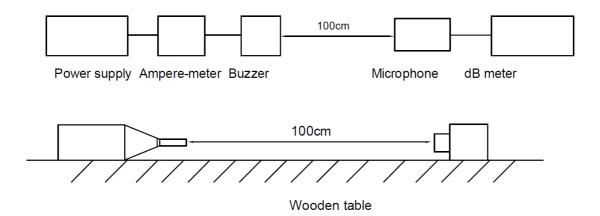
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3. TEST METHOD



4. RELIABILITY TEST

4.1 High Temperature Test

Temperature +85°C Duration 96 hours

4.2 Low Temperature Test

-20°C Temperature Duration 96 hours

4.3 Life Test in normal temperature

Power Supply 12V Duration 500 hours

4.4 Temperature Cycle Test

+85°C +20°C +20°C -25°C

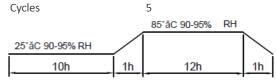
Cycles 5

30min 15min 30min 15min

Notice:

All specification must be satisfied in this condition.

4.5 Humidity Cycle Test



All these tests above should be measured after leaving normal temperature for 2 hours.

4.6 Drop Test

Height 70 cm (to 10mm thick wooden board)

Direction 3

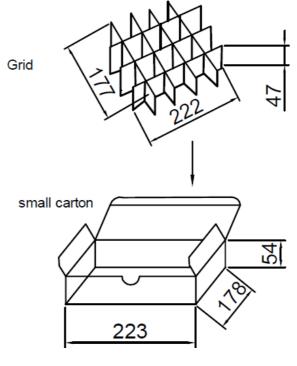
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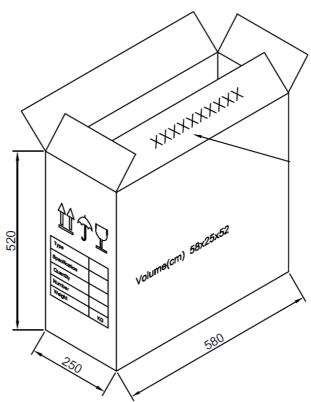
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5. PACKING



5.1 PACKING QUANTITY

20pcs per box Box size: 223x178x54mm 500pcs per carton in total Carton size: 58x25x52cm



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6. HISTORY CHANGE RECORD

REV		DATE	
	BEFORE CHANGE	AFTER CHANGE	
1	Old Layout	New Layout	2020.11.25

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