

## 1. General

operating temperature:	-40°C to +85°C	component weight [g]:	1
storage temperature:	-40°C to +85°C		
contact:	SMD	housing color:	black
packageing:	tor	IP rating:	
ESD conform	<input checked="" type="checkbox"/>	RoHs conform:	yes
remark:	Housing material LCP		

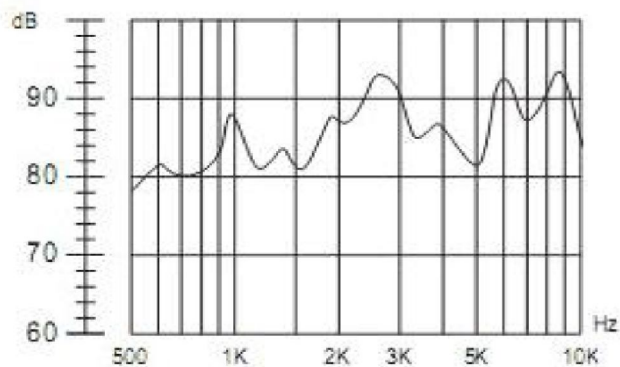


## 2. Electrical and acoustical specification

DC resistance [ $\Omega$ ]		30 $\pm$ 3
Resonance frequency [Hz]		2730
Rated voltage [V]	$V_{op}$	5
Operating voltage [V]	$V_{op}$	4 - 6
SPL [dBA]:	<i>in 10 cm, value applying rated voltage (2730Hz, 1/2 duty, square wave)</i>	$\geq$ 85
Current consumption [mA]	<i>value applying rated voltage (2730Hz, 1/2 duty, square wave)</i>	$\leq$ 85

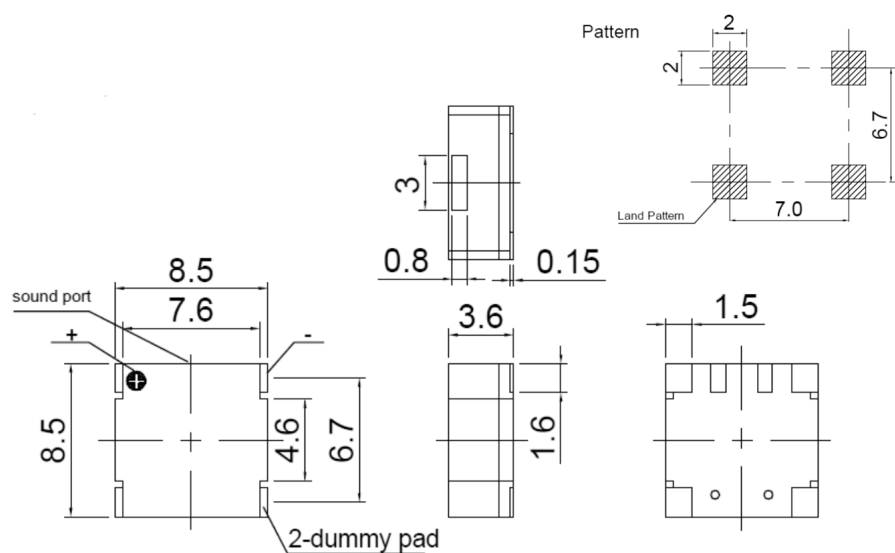
Remark:

Frequency curve

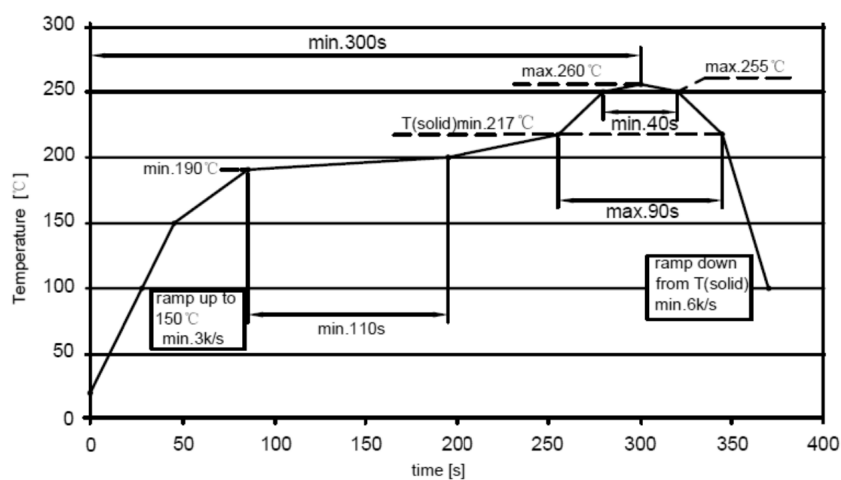


GREWUS			dimensions without tolerance:	± 0.3	scale:	
Designed by:	Ralf Hinnerichs	11.03.2009	part number:  <b>BME8505S-01A</b>		index:	Date:
Released by:	Ralf Hinnerichs	11.03.2009			<b>A</b>	11.03.2009
drawing number: <b>398836642</b>					<b>Buzzer</b>	
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## 3. Component drawing

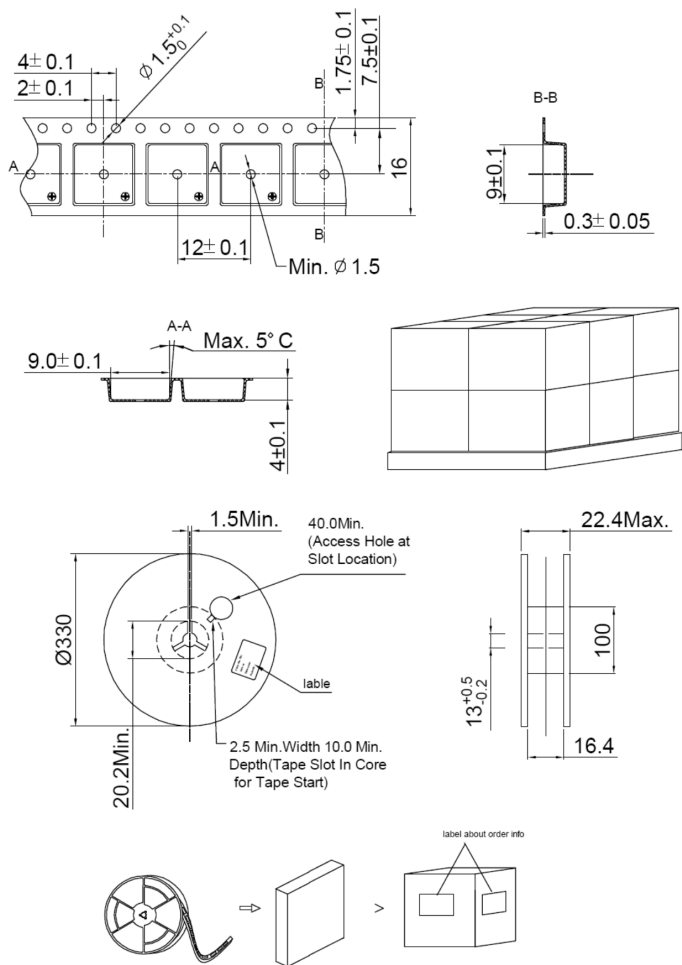


Temperature profile for a lead-free reflow process



<b>GREWUS</b>		dimensions without tolerance: $\pm 0.3$		scale:	
Designed by:	Ralf Hinnerichs	11.03.2009	part number: <b>BME8505S-01A</b>	index:	Date:
Released by:	Ralf Hinnerichs	11.03.2009		<b>A</b>	11.03.2009
drawing number: <b>398836642</b>			<b>Buzzer</b>		Page 2 of 3

4. Packageing drawing



Carton

Size:38 x 28 x 37 cm

Quantity:5000 pcs carton

Smalest unit:

quantity smalest unit:1000 pcs reel

Weight:

further packageing information: 5 reels per carton

GREWUS		dimensions without tolerance: ± 0.3		scale:	
Designed by:	Ralf Hinnerichs	11.03.2009	part number: <b>BME8505S-01A</b>	index:	Date:
Released by:	Ralf Hinnerichs	11.03.2009		<b>A</b>	11.03.2009
drawing number: 398836642			Buzzer		Page 3 of 3