

1. General

operating temperature:	-40°C to +85°C	component weight [g]:	1,2
storage temperature:	-40°C to +85°C		
contact:	SMD	housing color:	
packageing:	tor	IP rating:	n.a.
ESD conform	<input checked="" type="checkbox"/>	RoHs conform:	yes
remark:	housing material LCP		



2. Electrical and acoustical specification

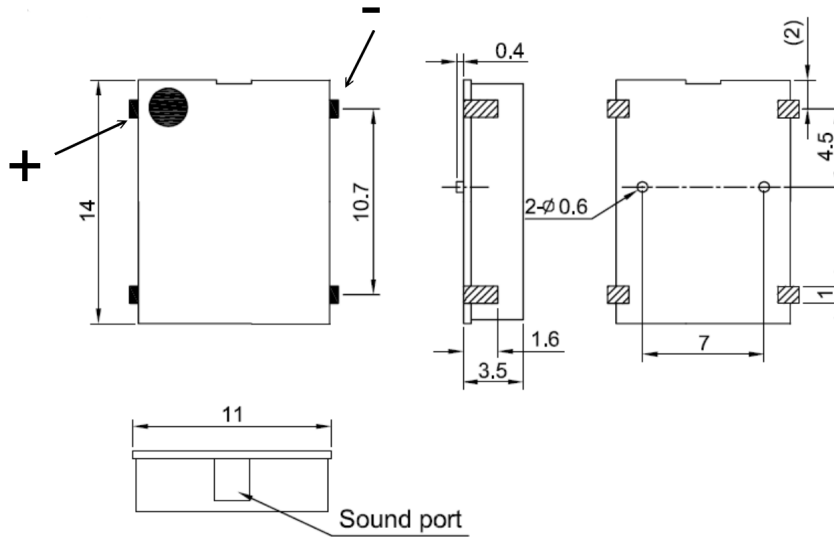
DC resistance [Ω]		19 ± 2
Resonance frequency [Hz]		3200
Rated voltage [V]	V_{op}	3
Operating voltage [V]	V_{op}	2 - 4.5
SPL [dBA]:	<i>at 3Vop square wave, 3200Hz, 10cm distance, 50% duty cycle</i>	≥ 87
Current consumption [mA]	<i>at 3Vop square wave, 3200Hz, 50% duty cycle</i>	< 70

Remark:

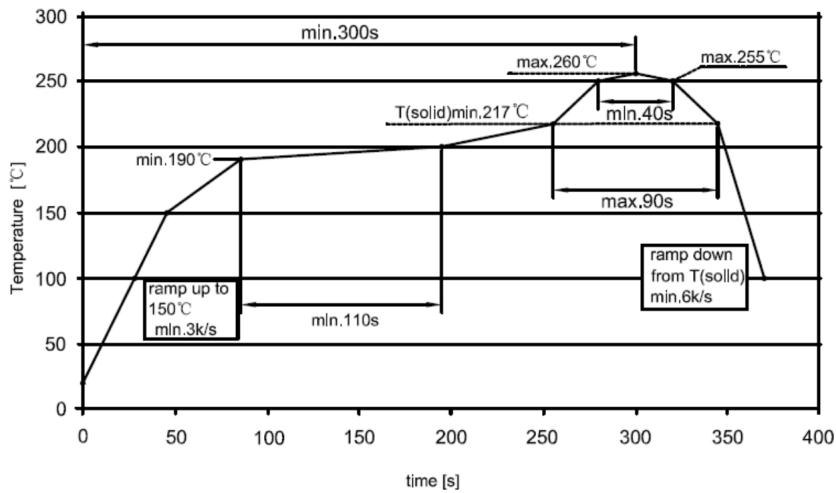
Frequency curve

GREWUS		dimensions without tolerance:	+/-0.3	scale:	
Designed by:	Ralf Hinnerichs	29.05.2009	part number: BME1403SA	index:	Date:
Released by:	Ralf Hinnerichs	29.05.2009		A	29.05.2009
drawing number: 399625645			Buzzer	Page 1 of 3	

3. Component drawing

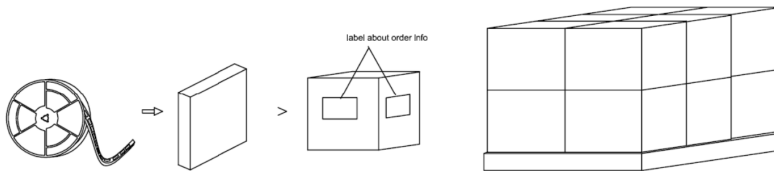
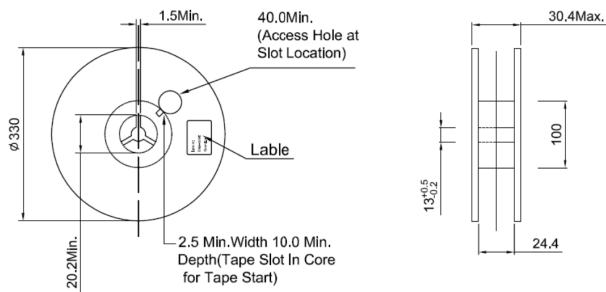
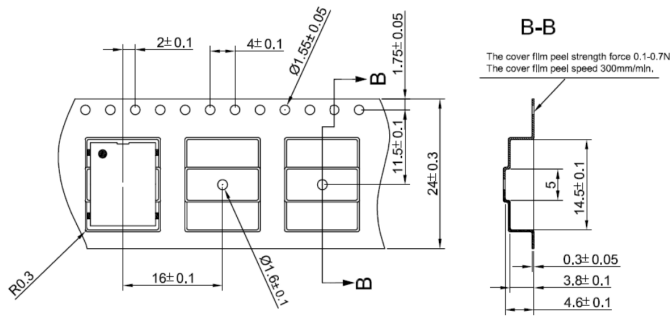


Temperature profile for a lead-free reflow process



GREWUS		dimensions without tolerance: +/-0.3	scale:	
Designed by: Ralf Hinnerichs	29.05.2009	part number:	index:	Date:
Released by: Ralf Hinnerichs	29.05.2009	BME1403SA	A	29.05.2009
drawing number: 399625645		Buzzer		Page 2 of 3

4. Packageing drawing



Carton

Size: 38 x 28 x 37

Quantity: 3750 pcs / box

Smallest unit: reel

quantity smallest unit: 750 pcs / reel

Weight:

further packageing information: 5 reels / carton

GREWUS		dimensions without tolerance: ± 0.3	scale:
Designed by: Ralf Hinnerichs	29.05.2009	part number:	index: Date:
Released by: Ralf Hinnerichs	29.05.2009	BME1403SA	A 29.05.2009
drawing number: 399625645		Buzzer	Page 3 of 3