

1. General

operating temperature:	-20°C to +70°C	component weight [g]:	2
storage temperature:	-30°C to +80°C		
contact:	PIN	housing color:	black
packageing:	tray	IP rating:	
ESD conform	<input checked="" type="checkbox"/>	RoHs conform:	yes
remark:			

2. Electrical and acoustical specification

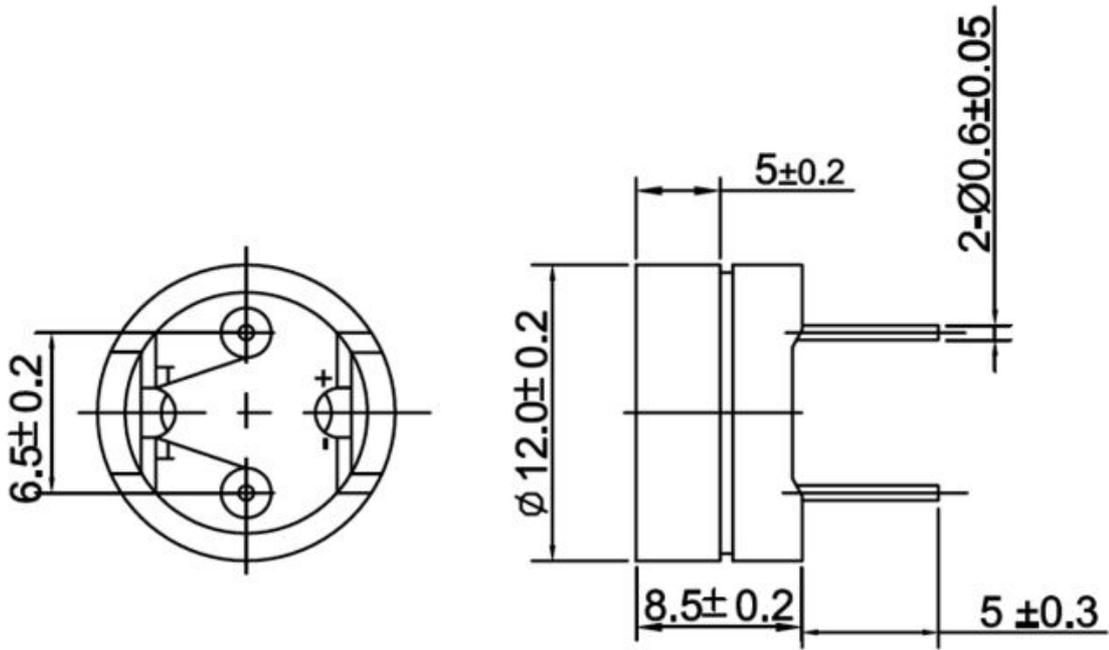
DC resistance [Ω]		50 \pm 7.5
Impedance [Ω]	<i>measured with 2048Hz sine wave, 60μA current</i>	140
Resonance frequency [Hz]		2048
Rated voltage [V]	<i>V_{op}</i>	5
Operating voltage [V]	<i>V_{op}</i>	1 - 7
SPL [dBA]:	<i>triggered with 2048Hz square wave, 5V_{op}, 50% duty cycle, in 10 cm distance</i>	\geq 85
Current consumption [mA]	<i>2048Hz square wave, 50% duty cycle, 5V_{op}</i>	\leq 40

Remark:

Frequency curve

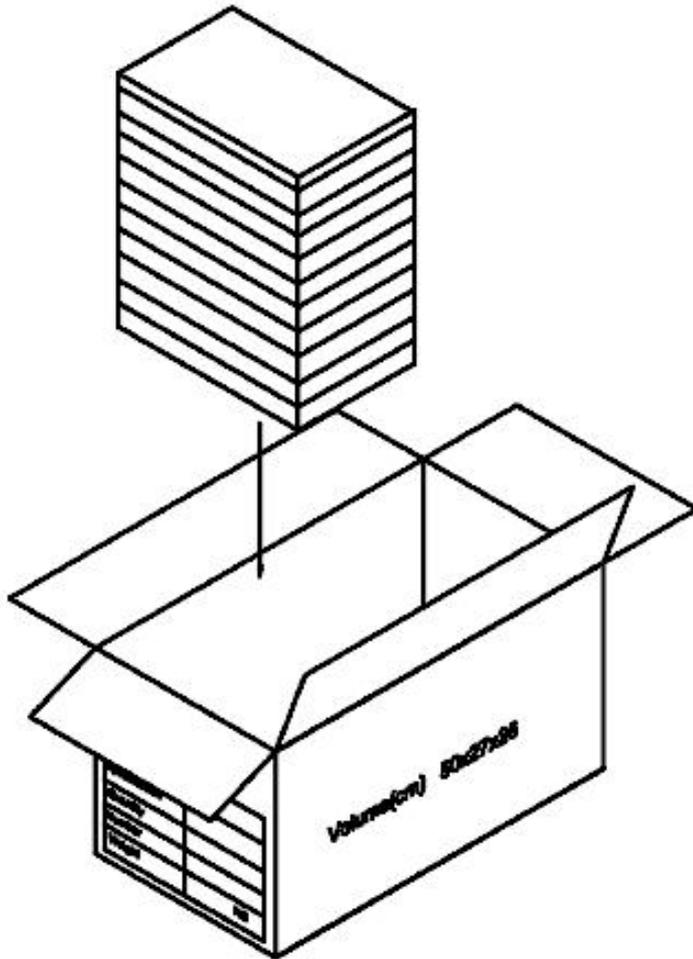
GREWUS		dimensions without tolerance:	\pm 0.3	scale:	
Designed by:	Ralf Hinnerichs	14.08.2009	part number: BME1205PA	index:	Date:
Released by:	Ralf Hinnerichs	14.08.2009		A	14.08.2009
drawing number: 400395511			Buzzer	Page 1 of 3	

3. Component drawing



GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	14.08.2009	part number: BME1205PA	index:	Date:
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drawing number: 400395511		Buzzer		Page 2 of 3

4. Packageing drawing



Carton

Size: 50 x 27 x 26 cm

Smalest unit:

Quantity: 3000 / carton

quantity smalest unit:

Weight:

further packageing information: 100 parts / tray - 30 trays / carton

GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	14.08.2009	part number: BME1205PA	index:	Date:
Released by: Ralf Hinnerichs	14.08.2009		A	14.08.2009
drawing number: 400395511		Buzzer		Page 3 of 3