#### 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:

remark:

### 2. Electrical and acoustical specification

DC resistance [ $\Omega$ ]		$42 \pm 6$
Impedance [ $\Omega$ ]	measured with 2048Hz sine wave, 60µA current	120
Resonance frequency [Hz]		2048
Rated voltage [V]	Vop	1.5
Operating voltage [V]	V op	1 - 2
SPL [dBA]:	triggered with 2048Hz square wave, 1.5V op, 50% duty cycle, in 10 cm distance	≥ 80
Current consumption [mA]	2048Hz square wave, 50% duty cycle, 1.5V op	≤ 10

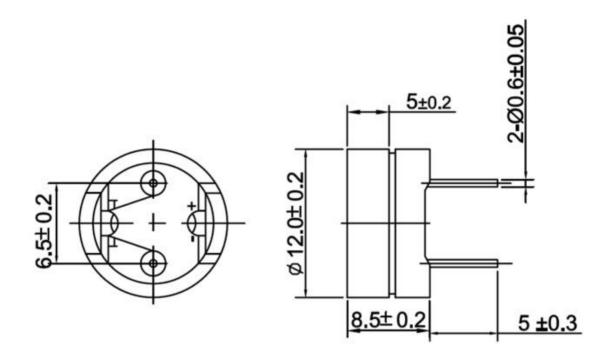
Remark:

Frequency curve

GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	14.08.2009	part number:	index:	Date:
Released by: Ralf Hinnerichs	14.08.2009	BME1201PA	Α	14.08.2009
drawing number: 400395170 Buzzer		P	age 1 of 3	

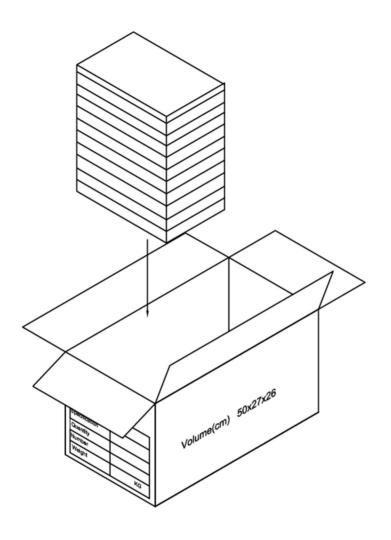
MBWOE

# 3. Component drawing



GREWUS		dimensions without tolerance: ± 0.3	3	scale:	
Designed by: Ralf Hinnerichs	14.08.2009	part number:		index:	Date:
Released by: Ralf Hinnerichs	14.08.2009	BME1201PA		Α	14.08.2009
drawing number: 400395170		Buz	zzer	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:	index:	Date:
Released by: Ralf Hinnerichs	14.08.2009	BME1201PA	Α	14.08.2009
drawing number: 400395170		Buzzer	Page 3 of 3	