1. General

Operating temperature: -20°C to +70°C Component weight [g]: 1

Storage temperature: -30°C to +80°C

Contact: PIN Housing color: black

Packageing: tray IP rating:

ESD conform RoHs conform: yes

Remark:



2. Electrical and acoustical specification

Resonance frequency [Hz] 4000 ± 500

Rated voltage [V]

 Operating voltage [V]
 3 - 16

 SPL [dBA]:
 in 10 cm distance at 12V dc
 85

Current consumption $at 12 \ V dc \le 10$

[mA]

Tone constant-pulse: constant

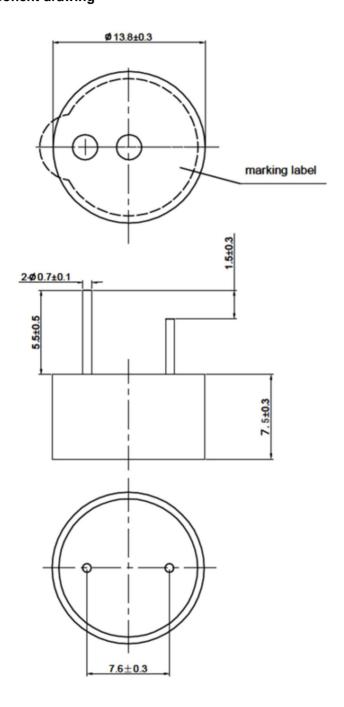
Polarity: marked with longer pin

Remark:

GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	01.10.2008	part number:	index:	Date:
Released by: Ralf Hinnerichs	01.10.2008	BPI1412PWLA	Α	01.10.2008
drawing number: 397223234 Buzzer		Page 1 of 3		

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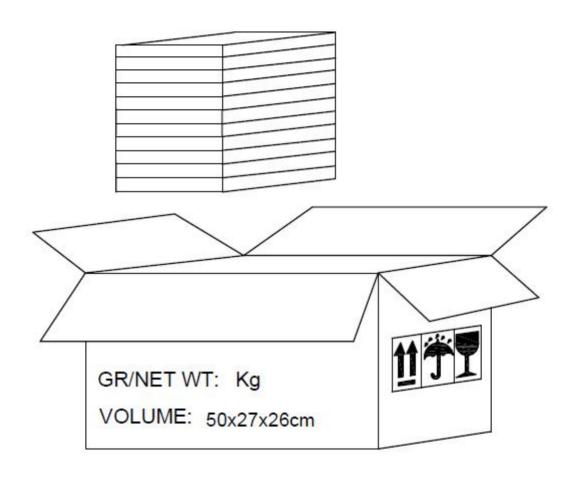
3. Component drawing



GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	01.10.2008	part number:	index:	Date:
Released by: Ralf Hinnerichs	01.10.2008	BPI1412PWLA	Α	01.10.2008
drawing number: 397223234		Buzzer	Buzzer Page 2 of 3	

PBWE

4. Packageing drawing



Carton

Size: 50 x 27 x 26 cm Smalest unit:

Quantity: 3000 quantity smalest unit:

Weight:

further packageing information: 100 pcs / tray; 30 trays / carton

GREWUS		dimensions without tolerance: ± 0.3	scale:	
Designed by: Ralf Hinnerichs	01.10.2008	part number:	index:	Date:
Released by: Ralf Hinnerichs	01.10.2008	BPI1412PWLA	Α	01.10.2008
drawing number: 397223234 Buzzer		Page 3 of 3		