EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

PIEZO BUZZER

Customer	
Customer P/O	
BeStar Model Name	BPT-14
Product No.	030300
Issue No.	BS/TEP01.010A
Issue Date	2001/10/16

Approval:

1. Characteristic
2.Dimension
3.Environmental Test
4.Appearance
5.Packing

BESTAR ELECTRONICS INDUSTRY CO.,LTD
TianAn Industry Park4/F,Site B ChangZhou New District
Tel:86-519-5103228
Fax:86-519-5131010
Http:www.be-star.com
E-Mail:bestarco@pub.cz.jsinfo.net

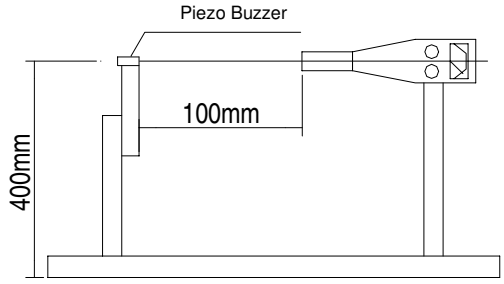
BPT-14

1. Characteristic

Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Rated Voltage,SquareWave	5Vp-p
2.	Operating Voltage	1...20Vp-p
3.	a)Rated Current	max 2mA
4.	Capacitance 120Hz	15000± 30%pF
5.	a)Sound Output at 4KHz,10cm	min 80dB
6.	Resonant Frequency	4000± 500Hz
7.	Operating Temperature	-20...+70° C
8.	Storage Temperature	-30...+80° C
9.	Weight	1g
a)Value applying at rated voltage.		

★Standard Output Measurement Setup



This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 030300

DIS.		DATE		Page:1 of 4	BPT-14
CHEC.		DATE		3rd angle projection	
APPR.		DATE			Piezo Buzzer

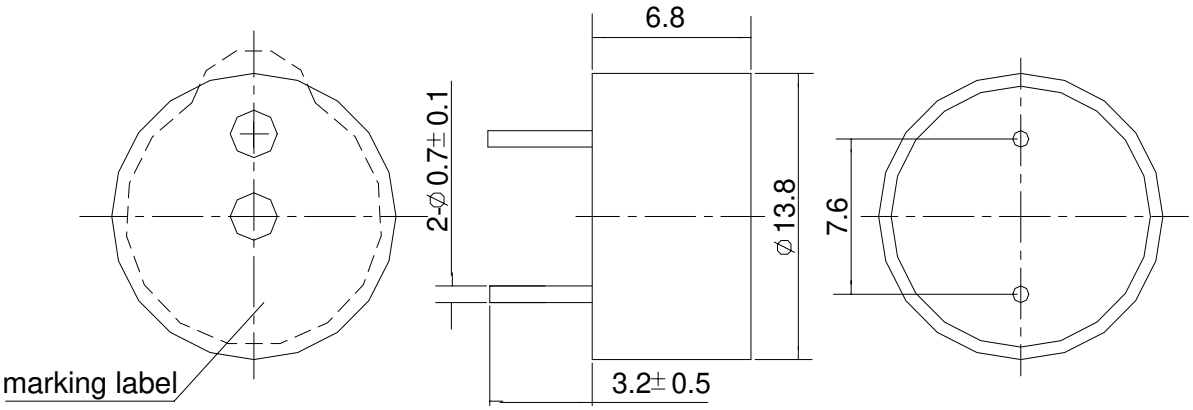
BESTAR ELECTRONICSINDUSTRY CO.,LTD
TianAn Industry Park 4/F,Site B ChangZhou New District
E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com

DRG NO
BS/TEP01.010A

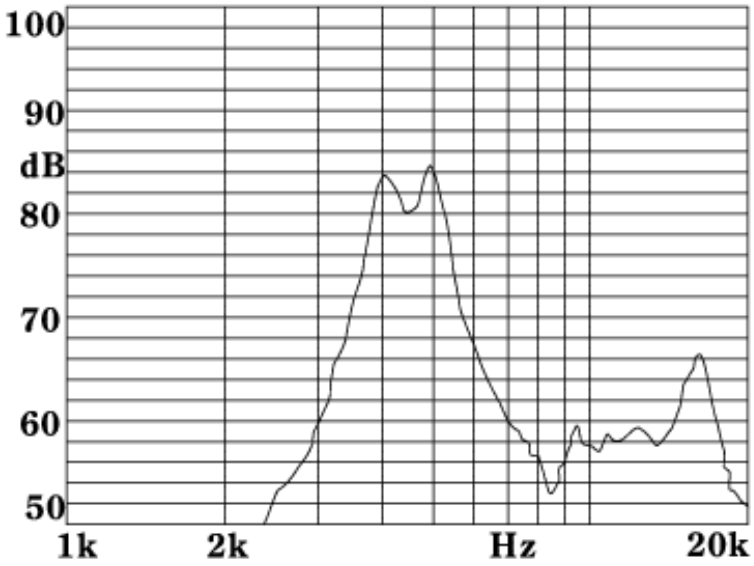
BPT-14

2. Dimension

Tolerance:± 0.2 Unit:mm



Frequency Response



This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 030300

DIS.		DATE		Page:2 of 4	BPT-14
CHEC.		DATE		3rd angle projection	
APPR.		DATE			Piezo Buzzer

BESTAR ELECTRONICSINDUSTRY CO.,LTD
TianAn Industry Park 4/F,Site B ChangZhou New District
E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com

DRG NO
BS/TEP01.010A

BPT-14

3. Environmental test

3.1 high temperature test

Temperature	+70° C
Duration	96hrs

3.2 low temperature test

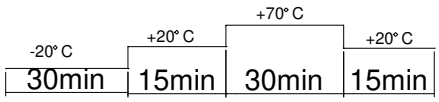
Temperature	-20° C
Duration	96hrs

3.3 life test in normal temperature

Power supply	rated voltage
Duration	1000hrs

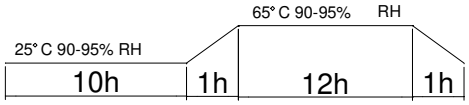
3.4 temperature cycle test

Cycles 5



3.5 Humidity cycle test

Cycles 5



all these tests above should be measured after leaving normal temperature for 2hrs.

3.6 Drop test

Height (to 10mm thickness woodenboard)	70cm
Direction	3

3.7 Solderability

Temperature	250± 5° C
Duration	3± 0.5sec

3.8 Solkder Heat Resistance

Temperature	250± 10° C
Duration	30sec

Notice: All specification must be satisfied in this condition.

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 030300

DIS.		DATE		Page:3 of 4	BPT-14
CHEC.		DATE		3rd angle projection	
APPR.		DATE			Piezo Buzzer

BESTAR ELECTRONICSINDUSTRY CO.,LTD
TianAn Industry Park 4/F,Site B ChangZhou New District
E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com

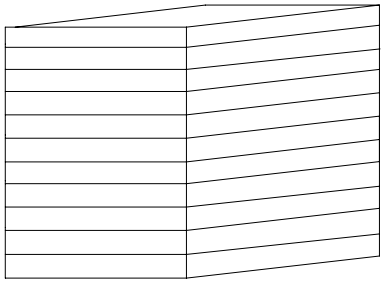
DRG NO BS/TEP01.010A

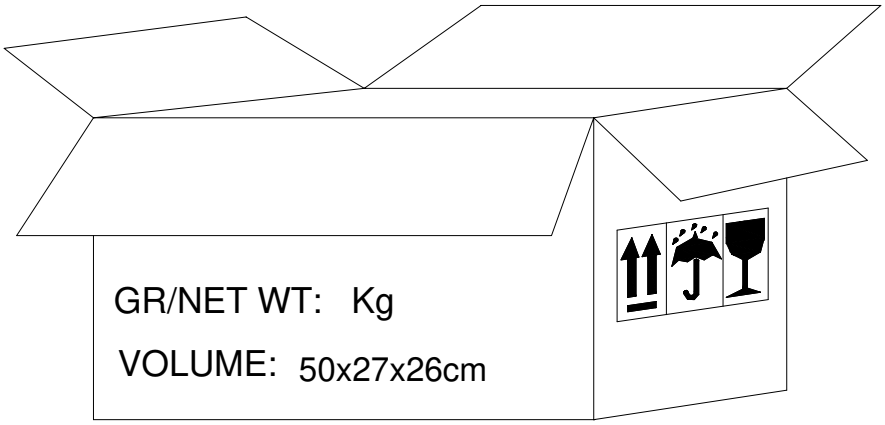
BPT-14

4. Appearance

Appearance : without any obstace to normal operation : damages, cracks, rusts and distortions,ect.

5. Packing





1)100pcs/tray
2)30tray/carton
3)3000 pcs/carton in total
4)carton size 50x27x26cm

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 030300

DIS.		DATE		Page:4 of 4	BPT-14
CHEC.		DATE		3rd angle projection	
APPR.		DATE			Piezo Buzzer

BESTAR ELECTRONICSINDUSTRY CO.,LTD
TianAn Industry Park 4/F,Site B ChangZhou New District
E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com

DRG NO
BS/TEP01.010A