BeStar	SPECIFICATION FOR PIEZOELEDTRIC CERAMICS			
	TOTAL PAGE	04	www.bestarsensor.com	ROHS

Customer		Model Name	BSU-P7-1000B-W200
Customer P/N		Product No.	
Date	Nov. 14,15	Issue No.	BS/TEY01.603
Page	01 of 04	Issue Date	15/11/14

Approval:

1 Features

2. Mechanical and electrical characteristics

3. Drawing

4. History change record

Drawn by	Checked by	Approved by	Customer approved
Liu Rufeng	Zoudongping	Lihongyuan	

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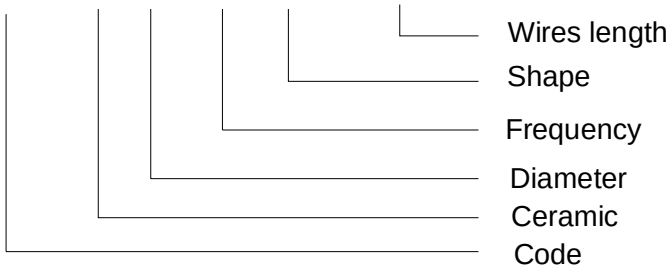
Product Type

BSU-P7-1000B-W200



1 Features

1) High sensitivity.
2) Less power consumption.
3) Temperature performance

2. Mechanical and electrical characteristics

Item	Unit	Specification
Diameter	mm	6.6 ±0.2
Thickness	mm	2.0 ±0.1
Ag electrode thickness	um	3~8
Anode Diameter	mm	6.4 ±0.2
Wrap around silver length	mm	>2.0
Trench width	mm	1.0 ±0.2
Free capacitance	pF	285±15% @1.0kHz
Electromechanical coupling factor		>0.6
Resonant frequency	KHz	1000±200
Cure temperature	℃	>210
Insulation resistance	MΩ	>100(at 100V DC)
Sliver adhesion to exceed pull-off force	N/mm2	>1

Test conditions:
Environment temperature: 25±3C°
Humidity:60±10%

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Rev.	Date	Drawn	Note		
				Date:	2015.11.14
				Drawn by:	Liu Rufeng
				Checked by:	Zou Dongping
				Approved by:	Li Hongyuan

BSU-P7-1000B-W200

Piezo Ceramic Element

BESTAR SENSORTECH. CO.,LTD
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DRG NO: BS/TEY01.603

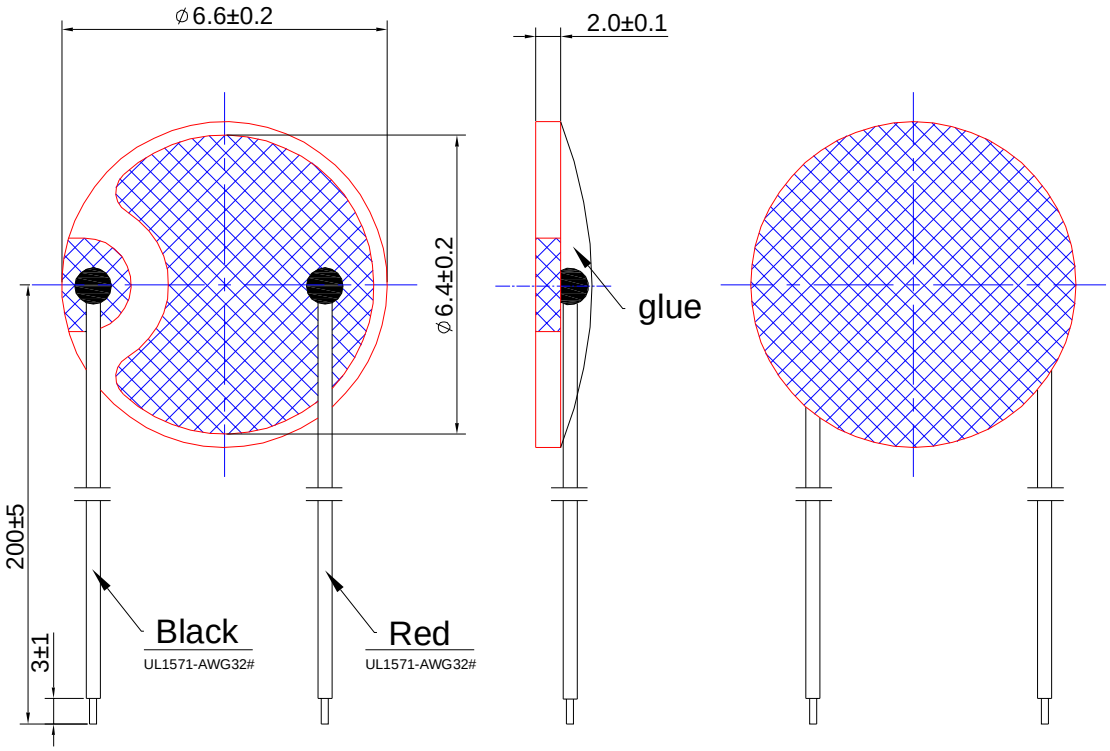
BSU-P7-1000B-W200

3.Drawing

A side
+

with silvering

B side
-



unit: mm

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Rev.	Date	Drawn	Note			BSU-P7-1000B-W200	
				Date:	2015.11.14		
				Drawn by:	Liu Rufeng		
				Checked by:	Zou Dongping	Piezo Ceramic Element	
				Approved by:	Li Hongyuan		
BESTAR SENSORTECH. CO.,LTD www.bestarsensor.com li@bestarsensor.com						DRG NO: BS/TEY01.603	Page:03 of 04

4.History change record

version No.	Change Items		Date	Drawn	Approved
	Before	After			
X1			15/07/14	Liu Rufeng	Li Hongyuan

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