

Description

Chinasound Piezo Element 20mm diameter, Brass basic disc – 6.5KHz resonant frequency, type A (=without feedback), UL1571 AWG32# Wire length 16mm, RoHS compliant

- ◆ RoHS compliant
- ◆ Reliable Solid State Piezoelectric Technology

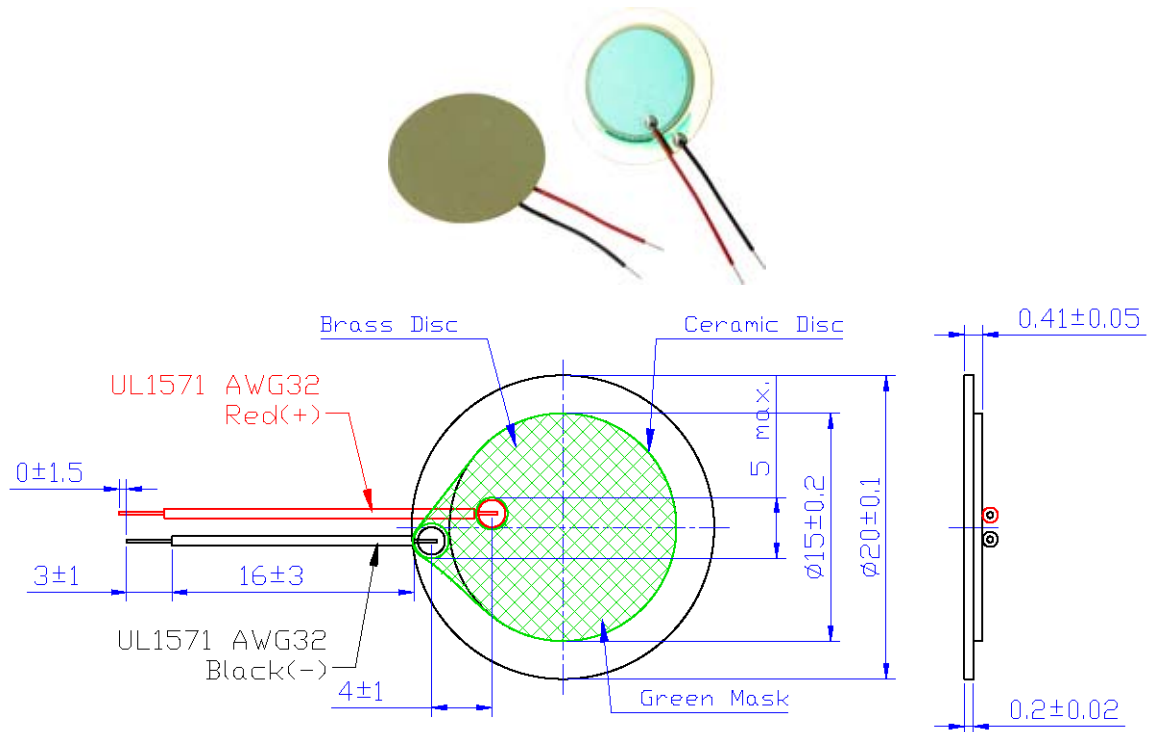
Specification

<p>Resonant Frequency Resonant Impedance Capacitance at 100Hz Input Voltage Insulated Resistance Operating Temperature Storage Temperature Termination Construction Materials</p>	<p>Description Case Diaphragm</p>	<p>6.500+/-500Hz 1000 Max. ohm 12,600+/-30% pF at 100Hz 25 °C 30Vp-p Max., square wave 50M ohm Min. -20 °C to +70 °C -30 °C to +80 °C UL1571 AWG32# Red(+) Black(-) 16mm No Brass Alloy Disc Within 1mm from edge of silver coat 0.5 g no function at +80+/-2 °C for 240 hours, function at +70+/-2 °C for 240 hours, no function at -30+/-2 °C for 240 hours, function at -20+/-2 °C for 240 hours, +40+/-2 °C, 95+/-5%RH, 240 hours -20+/-2 °C 0.5 hr → +25+/-2 °C 0.25 hr → +70+/-2 °C 0.5 hr → +25+/-2 °C 0.25 hr. Temperature Go up or Drop time is 0.5 hr. 3 hrs per 1 cycle. Total is 5 cycles 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular directions for 2 hours 980m/s² (=100g) shock for each mutually perpendicular directions, half sine wave, 3 times each Dropped naturally from 750mm height onto the surface of 10mm wooden board. 2 directions – upper and side of the part are applied For a period of one (1) year from date of manufacture under normal operations</p>
<p>Test Point Weight (Typical) Reliability</p>	<p>*High Temperature *Low Temperature *Humidity *Thermal Shock *Vibration *Shock *Drop Test</p>	

Warranty

*All specifications must be satisfied after the test (Recovery:2 to 4 hrs of recovery under the standard condition after the removal from test chamber).

Dimensions (Unit:mm)



All specifications are subject to change without notice

Composed by: Guo Jun/090903 Checked by: Gao CL, Gong YS, Zhu YC/090903 Approved by: Wang Z/090903



CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.

Tel: +86-519-86182518 Fax: +86-519-86182519
http://www.chinasound.com email: csound@jsmail.com.cn

Revisions History

Version Number	Description	Name
070618	Original, CPE-20B-6.5A-W21.5R, Black Wire length is 21.5mm, UL1571 AWG26 Red(+), Black(-)	Gao Li
071211	CPE-20B-6.5A-W21.6R, Black Wire length is changed to 21.6mm, wires are changed to more flexible type UL3302 AWG28 Red(+), Black(-)	Gao Li
090225	PE-20B-6.5A-W29.5R, wire length is changed to Red(+): 29.5mm; Black(-): 24.5mm	Gao Chunli
090409	Resonant Impedance is changed from 350 Max. ohm to 1000 Max. ohm	Gao Chunli
090619	The wire length is changed from +/-5mm to +/-3mm To add wire heads difference dimensions 0+/-1.5mm	Gao Chunli
090903	The wire length is changed from UL3302 AWG28# 29.5+/-3mm to UL1571 AWG32# 16+/-3mm	Guo Jun