

Description

Chinasound Piezo Transducer 22mm diameter, type I (=10.8 mm height), MPPO housing, 09Vp-p rated voltage – 4.0KHz resonant frequency – Pin length 3.5mm, RoHS compliant

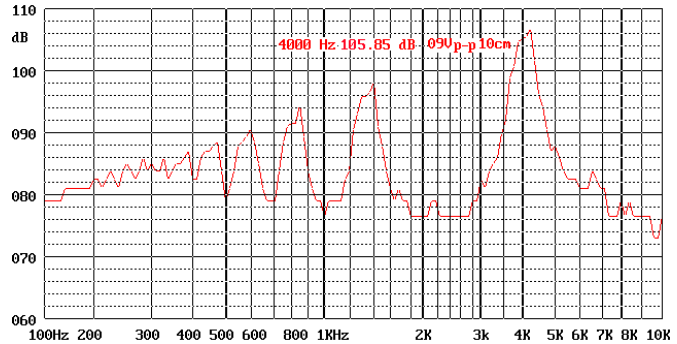
◆ RoHS compliant

- ◆ Reliable Solid State Piezoelectric Technology
- ◆ Flame Retardant Plastic
- ◆ Wave solderable
- ◆ Contains Lead zirconium titanium oxide (CAS 12626-81-2) more than 0.1%

Picture



Frequency Response Curve



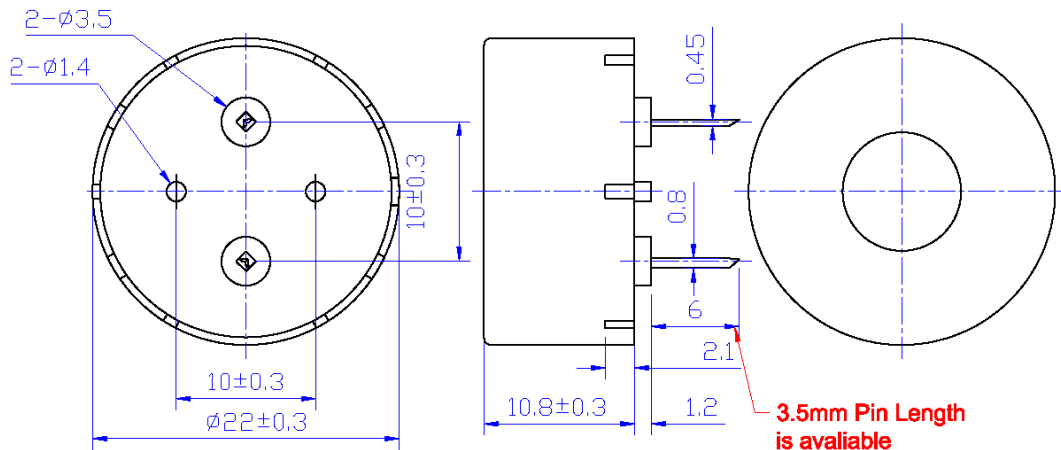
Specification

Rated Voltage	9Vp-p square wave
Operating Voltage	1 ~ 30Vp-p
Operating Frequency	4,000+/-500Hz
Typical Sound Output	95 dB min. at 9Vp-p 10cm 4.0 KHz 25 °C
Rated Current	5 mA max. at 9 Vp-p 4.0KHz 25 °C
Capacitance	12,000+/-30% pF at 100Hz 1Vrms
Operating Temp.	-30 °C to +105 °C
Storage Temperature	-40 °C to +125 °C
Termination	2 Spring Pins, Tin plated
Construction Materials	<p>Description</p> <p>Termination Strength</p> <p>Case</p> <p>Diaphragm</p>
Weight (Typical)	3g
Reliability	<p>*Life Test</p> <p>*High Temperature</p> <p>*Low Temperature</p> <p>*Humidity</p> <p>*Thermal Shock</p> <p>*Vibration</p> <p>*Shock</p> <p>*Drop Test</p> <p>*Soldering Heat Resistance</p> <p>**Solderability</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).
 **90% min. soldering pads shall be with solder.(except the edge of terminal)

Dimensions (Unit: mm)



All specifications are subject to change without notice

Composed by: David Zhang/190315

Checked by: Jack Guo, James Zhu/190315

Approved by: William Wang/190315



CHANGZHOU CHINASOUND ELECTRONICS CO., LTD.

Tel: +86-519-86182518 Fax: +86-519-86182519

<http://www.chinasound.com>

email: market@chinasound.com

Revisions History

Version Number	Description	Name	Date
SP1.03.171-A0	Original version, CPT22IM09-4.0-P3.5R	David Zhang	2019-03-15