

# 10×1 Piezoceramic Discs



**Piezoceramic discs for beauty transducer, ultrasonic atomizer, ultrasonic cleaner and other application.**

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Categories: Piezoceramic Discs, Piezoelectric Ceramics

## **Description**

**We can customize various Piezoceramic Discs as required.**

The material of 10×1 Piezoceramic Discs: **PZT5**



### The Applications of Piezoceramic Disc

Piezo transducer vibration	atomizer transducer	matter dispersion
sonar transducer	Ultrasonic Sensor	wall thickness sensor
material stress sensor	pressure sensor,	biomedical probe
piezo electricity harvesting	fish finder transducer	compression sensor
piezo expansion sensor	beauty transducer	Ultrasonic mixing
ultrasonic medical	Ultrasonic cleaning	More other application

### Standard Specification of Piezoceramic Disc

Size (mm)	Thickness Frequency ft(MHz) (:t 5%)	Capacitance C(pf) (:t 15%)	Impedance Zt(n)	Electromechanical coupling coefficient Kt (%)	Piezoelectric Material
8x2	1.0	263		43	PZT5
10 x 1	2.0	10840		44	PZT5
10 x 2	1.0	420		44	PZT5

15 x 1	2.0	1970		43	PZT5
15 x 2	1.0	980		43	PZT5
16 x 1	2.0	2200		45	PZT5
16 x 2	1.0	1100		45	PZT5
20 x 1	2.0	3560		43	PZT5
20x2	1.0	1780		43	PZT5
25 x 1	2.0	4600		43	PZT5
25x2	1.0	2300		43	PZT5
16 x 0.4	5.0	5400	5	45	PZT4
16 x 2.1	1.0	1000	4	45	PZT4
20 x 2.0	1.0	1650	4	45	PZT4
25 x 0.4	5.0	12800	4	45	PZT4
25 x 1.0	2.0	5800	4	45	PZT4
25 x 2.0	1.0	2700	4	45	PZT4
28 x 1.0	1.0	6940	4	45	PZT4
28 x 1.7	1.2	3880	3	45	PZT4
28 x 2.0	1.0	3300	3	45	PZT4
50 x 2.0	1.0	10000	3	45	PZT4
60 x 2.0	1.0	14500	3	45	PZT4

**Outside diameter range:** 3mm—80mm

**Thickness range:** 0.1mm—20mm

**Remark:** Design and Customize various size Disc Piezoelectric Ceramic according to your request.