

## Piezoelectric Ceramic – Tube piezoelectric Ceramic

The material of piezoelectric ceramic: PZT4,  
PZT5, PZT8 or other required material

Some standard size of tube piezoelectric ceramic:



Size(mm) ODX ID XH	FM (KHz)	FN (KHz)	Capacitance (pf)	Tgδ (%)
12*9*6	70	72	5860	0.3
18*15*15	63	64	5940	0.2
20*17*15	46.9	50	14109	1.5
24*20*20	47	49	12830	2.0
34*30*20	30	32	1510	0.2
40*32*37	25	25.3	21200	1.5
44*38*29	22.1	24	23120	1.5
51*45*36	20	20.5	18010	1.5
53*45*41	18	22	3060	0.2
69*63*25	16	18	16040	0.5
76*68*40	15	15	19730	0.5
80*60*150	17	18.5	34420	0.25
142*132*80	8	8	8636	0.35

Outside diameter range: 6mm---150mm  
 Inside diameter range: 5mm---130mm  
 Height range: 5mm---100mm  
 Remark: Design and Customize various size Tube Piezoelectric Ceramic according to requirements.

## Square/Rectangular Piezoelectric Ceramic

The material of Piezoelectric Ceramic: PZT4, PZT5, PZT8 and other required material

Appliance of Piezoelectric Ceramic:

Medical B ultrasonic equipment	Ultrasonic Sensor	UltCompression sensor
Material stress sensor	Vibration Sensor	Energy/Electricity harvesting
Bolt-clamped ultrasonic transducer	Pressure sensor	Ultrasonic mixing
Ultrasonic press sensor	High-power actuators	more other application

Size Length*width*height(mm)	Fr(MHZ)	K31	ET3(r)
(80--130) × (13--16) × 0.4	3.5	≥0.37	2200-3000
(60-110) × (12-15) × 0.3	5.0	≥0.36	2200-3000
(50-100) × (10-14) × 0.2	7.5	≥0.35	2200-3000

Length range: 5mm---140mm

Width range: 1.5mm---80mm

Thickness range: 0.2mm---20mm

Remark: Design and customize various size Square/ Rectangular Piezoelectric Ceramic according to requirements.