

Piezoelectric Ceramic – Disc Piezoelectric Ceramic



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

Some standard size of Disc Piezoelectric Ceramic specification:

Size (mm)	Thickness Frequency ft(MHz) ($\pm 5\%$)	Capacitance C(pf) ($\pm 15\%$)	Impedance Zt(Ω)	Electromechanical coupling coefficient Kt (%)	Piezoelectric Material
8 × 2	1.0	263		≥ 43	PZT5
10 × 1	2.0	10840		≥ 44	PZT5
10 × 2	1.0	420		≥ 44	PZT5
15 × 1	2.0	1970		≥ 43	PZT5
15 × 2	1.0	980		≥ 43	PZT5
16 × 1	2.0	2200		≥ 45	PZT5
16 × 2	1.0	1100		≥ 45	PZT5
20 × 1	2.0	3560		≥ 43	PZT5
20 × 2	1.0	1780		≥ 43	PZT5
25 × 1	2.0	4600		≥ 43	PZT5
25 × 2	1.0	2300		≥ 43	PZT5
16 × 0.4	5.0	5400	≤ 5	≥ 45	PZT4
16 × 2.1	1.0	1000	≤ 4	≥ 45	PZT4
20 × 2.0	1.0	1650	≤ 4	≥ 45	PZT4
25 × 0.4	5.0	12800	≤ 4	≥ 45	PZT4
25 × 1.0	2.0	5800	≤ 4	≥ 45	PZT4
25 × 2.0	1.0	2700	≤ 4	≥ 45	PZT4
28 × 1.0	1.0	6940	≤ 4	≥ 45	PZT4
28 × 1.7	1.2	3880	≤ 3	≥ 45	PZT4
28 × 2.0	1.0	3300	≤ 3	≥ 45	PZT4
50 × 2.0	1.0	10000	≤ 3	≥ 45	PZT4
60 × 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.