

BJU201310227



8×2 Piezoceramic Discs

[Piezoceramic discs](#) for [beauty transducer](#), [ultrasonic atomizer](#), [ultrasonic cleaner](#) and other application.

Categories: [Piezoceramic Discs](#), [Piezoelectric Ceramics](#)

DESCRIPTION

We can customize various Piezoceramic Discs as required.

The material of 8×2 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)(±5%)	CapacitanceC (pf)(±15%)	ImpedanceZt (Ω)	Electromechanical Coupling CoefficientKt (%)	Piezoelectric Material
8×1	2.0	530		≥43	PZT5
8×2	1.0	263		≥43	PZT5
10×1	2.0	840		≥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—					

<p>80mm Thickness range: 0.1mm— 20mmRemark: We can design and customize various size Disc Piezoelectric Ceramics as required.</p>					
---	--	--	--	--	--