

## Piezoelectric Ceramic Specification

### P8 series

Type	Capacitance CT(pF)	Dielectric Loss tgδ(%)	Resonant Frequency (kHz)	Coupling Factor Kp(%)	Quality Factor Qm
Φ10×Φ5×2	265	0.3	154.7	53	800
Φ13×Φ5.3×2.2	455	0.3	126.8	53	800
Φ15×Φ6×2	670	0.3	110	53	800
Φ18×Φ8×7	265	0.3	89	53	800
Φ20×Φ8×6	400	0.3	82.9	53	800
Φ20×Φ10×5	425	0.3	77.3	53	800
Φ25×Φ10×5	750	0.3	66.3	53	800
Φ25×Φ12×5	690	0.3	62.7	53	800
Φ30×Φ10×5	1140	0.3	58	53	800
Φ30×Φ12×5	1075	0.3	55	53	800
Φ32×Φ12×5	1255	0.3	52.7	53	800
Φ35×Φ15×5	1425	0.3	46.4	53	800
Φ38×Φ15×5	1735	0.3	43.8	53	800
<b>Φ38×Φ15×6.5</b>	<b>1500</b>	<b>0.3</b>	<b>43</b>	<b>53</b>	<b>800</b>
Φ40×Φ12×5	2075	0.3	44.6	53	800
Φ40×Φ15×5	1960	0.3	42.2	53	800
Φ45×Φ15×5	2565	0.3	38.7	53	800
Φ45×Φ17×5	2475	0.3	37.4	53	800
Φ49×Φ23×6	2225	0.3	32.2	53	800
Φ50×Φ17×5	3150	0.3	34.6	53	800
<b>Φ50×Φ17×6</b>	<b>2800</b>	<b>0.3</b>	<b>34.6</b>	<b>53</b>	<b>800</b>
Φ50×Φ17×6.5	2425	0.3	34.6	53	800
Φ50×Φ17×7.5	2100	0.3	34.6	53	800
Φ50×Φ20×6	2495	0.3	33.1	53	800
Φ50×Φ20×7	2135	0.3	33.1	53	800
Φ50×Φ23×6	2340	0.3	31.8	53	800
Φ50×Φ23×6.5	2170	0.3	31.8	53	800
Φ50×Φ23×7	2005	0.3	31.8	53	800
Φ55×Φ20×8	2340	0.3	30.9	53	800
Φ55×Φ26×7	2390	0.3	28.6	53	800
Φ60×Φ30×10	1925	0.3	25.8	53	800
Φ69×Φ33×11	2380	0.3	22.7	53	800
Φ70×Φ30×10	2850	0.3	22.7	53	800
Φ100×1.4	52000	0.3	23	53	800

## P4 series

Type	Capacitance CT(pF)	Dielectric Loss tgδ(%)	Resonant Frequency (kHz)	Coupling Factor Kp(%)	Quality Factor Qm
Φ10×Φ5×2	350	0.3	142	60	1000
Φ13×Φ5.3×2.2	580	0.3	116	60	1000
Φ15×Φ6×2	900	0.3	101.5	60	1000
Φ15×Φ6×3	600	0.3	101.5	60	1000
Φ15×Φ6×4	450	0.3	101.5	60	1000
Φ25×Φ10×5	1000	0.3	60.9	60	1000
Φ30×Φ15×5	1285	0.3	47	60	1000
Φ35×Φ15×5	1905	0.3	42.6	60	1000
<b>Φ35×Φ15×5.5</b>	<b>2000</b>	<b>0.3</b>	<b>42.4</b>	<b>60</b>	<b>1000</b>
Φ38×Φ12.7×6	2035	0.3	42	60	1000
Φ38×Φ15×5	2320	0.3	40.2	60	1000
Φ38×Φ15×6.5	1785	0.3	40.2	60	1000
Φ40×Φ15×5	2620	0.3	38.7	60	1000
Φ49×Φ23×6	2820	0.3	29.6	60	1000
<b>Φ50×Φ17×5</b>	<b>4200</b>	<b>0.3</b>	<b>33</b>	<b>60</b>	<b>1000</b>
Φ50×Φ17×6.5	3240	0.3	31.8	60	1000
Φ50×Φ17×7.5	2805	0.3	31.8	60	1000
Φ50×Φ20×6	3330	0.3	30.5	60	1000
Φ50×Φ20×7	2855	0.3	30.5	60	1000
Φ50×Φ23×6.5	2890	0.3	29.2	60	1000
Φ50×Φ23×7.5	2505	0.3	29.2	60	1000
Φ60×Φ30×10	2570	0.3	22.7	60	1000
Φ25×2	2975	0.3	168	60	1000
Φ25×2.2	2700	0.3	168	60	1000
Φ50×3.5	5930	0.3	42	60	1000
Φ50×5	4150	0.3	42	60	1000

P4 is black piezoceramic, which transmits better with better capacitance, however, P8 is yellow one, which has better heat stability.

### Code Meaning

