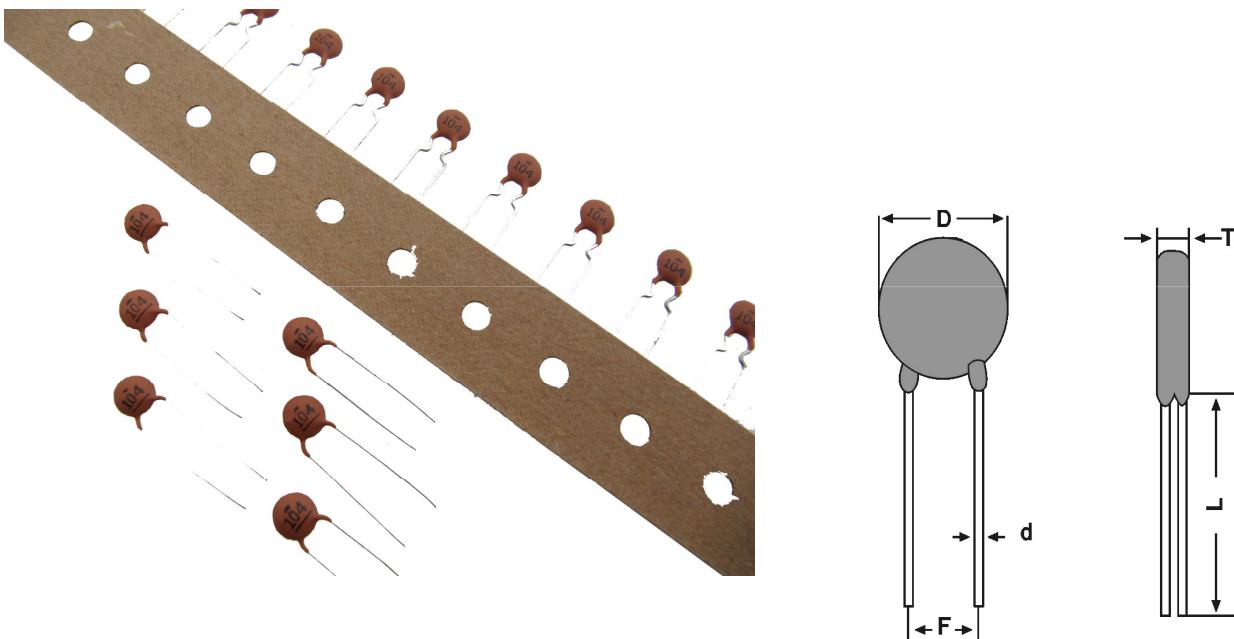


## High Dielectric Constant Ceramic Disc Capacitor

PC22 ceramic disc capacitors have characteristics such as higher dielectric constant, higher capacitance, smaller size. They are suitably used in bypass circuit, coupling circuit, filter circuit, and isolating circuit.

### Specifications

- \* Operating Temperature: -25 to +85°C
- \* Capacitance: Under 1 MHz and 25°C +/-2°C, V<sub>rms</sub>=1.0V conditions, not exceed capacitance tolerance
- \* Temperature Coefficient: Y5P, Y5U, Z5U, Y5V
- \* Dissipation Factor:  $\tan\delta \leq 2.5\%$
- \* Insulation Resistance: At rated voltage, I.R  $\geq 4000M\Omega$
- \* Capacitance: under 1KHz and 25°C, V<sub>rms</sub>=1.0V conditions, not exceed capacitance tolerance.



Capacitor Range And Diameter

50VDC			500VDC			Diameter	Pitch (mm)	Thickness (max)
Y5P	Y5U, Z5U	Y5V, Z5V	Y5P	Y5U, Z5U	Y5V, Z5V			
221 - 152	222 - 472	472 - 103	101 - 102	202 - 222	202 - 222	4 - 5mm	2.5+/-0.5	3
182 - 272	502 - 103	103 - 203	122	272	272 - 472	6.0 mm	5.0+/-1.0	
302 - 392	-	203 - 223	152 - 182	392 - 472	-	7.0 mm	5.0+/-1.0	
472 - 682	-	-	152 - 182	-	103	8.0 mm		
103	203 - 223	-	-	-	-	9.0 mm		
-	-	-	272 - 332	103	-	10.0 mm		
-	-	-	472	-	223	12.0 mm		
-	-	-	103	223	-	14.0mm		