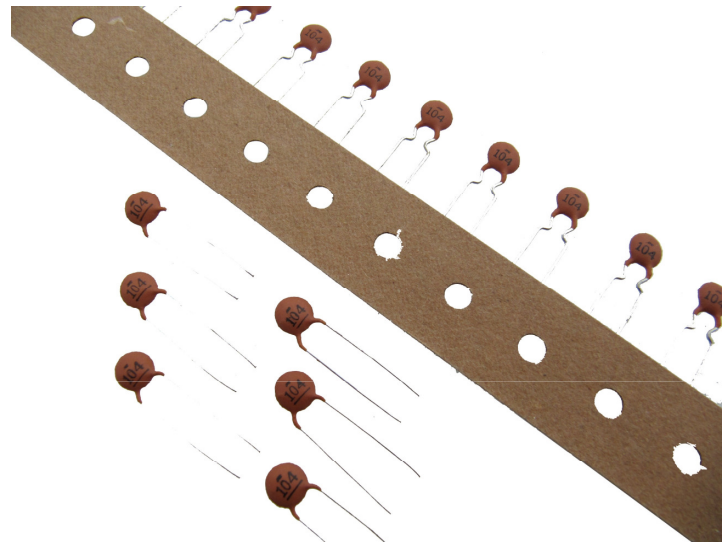
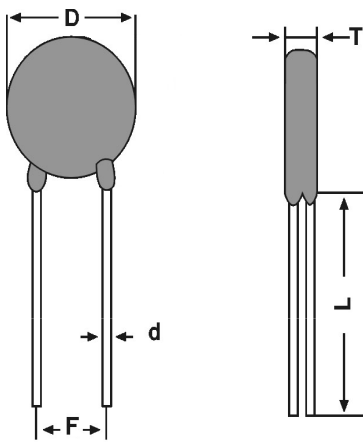


Temperature Compensating Ceramic Disc Capacitor

PC21 temperature compensating disc capacitor have a ceramic dielectric that is formulated to provide a predictable linear capacitance changed versus temperature. This predictable linear capacitance changed allows the temperature compensating disc capacitors to be used in critical circuit applications such as tuned circuits.

Specifications

- * Operating Temperature: -25 to +85°C
- * Capacitance: Under 1 MHz and 25°C +/-2°C, Vrms=1.0V conditions, not exceed capacitance tolerance
- * Q Value: At C < 30pF, Q ≥ 400+20 x C, At C ≥ 30pF, Q ≥ 1000
- * Voltage Proof: 2.5Ur
- *Temperature Coefficient: C0, SL
- * Insulation Resistance: At rated voltage, R ≥ 10000MΩ



Color Code

T.C.	Color	T.C.	Color
NPO	Black	N220	Yellow
N80	Red	N330	Green
N150	Orange	N750	Violet

Capacitor Range And Diameter

50VDC							500VDC		Tolerance	Diameter
CH (NPO)	PH (N150)	PH (N220)	SH (N330)	TH (N470)	UJ (N750)	SL	NPO	SL		
0.5 - 9	1 - 9	1 - 9	2 - 9	2 - 9	2 - 9	2 - 9	1 - 9	2 - 9	C, D	4 - 5mm
10 - 47	10 - 39	10 - 47	10 - 47	10 - 47	10 - 47	10 - 200	10 - 12	10 - 30	K, J	4 - 5mm
50 - 68	47 - 56	50 - 56	50 - 68	50 - 68	50 - 68	200 - 270	13 - 15	33 - 120	K, J	6.0 mm
82 - 100	62 - 82	68 - 100	82 - 100	82 - 100	82 - 100	300 - 330	16 - 22	-	K, J	7.0 mm
120 - 150	100 - 150	120 - 150	120 - 150	120 - 150	120 - 180	360 - 470	-	200 - 270	K, J	8.0 mm
180 - 200	150 - 180	180 - 200	180 - 200	180 - 200	200 - 220	500 - 560	24 - 27	200 - 270	K, J	9.0 mm
220 - 270	200 - 220	220	220	220	-	680 - 820	-	300 - 470	K, J	10.0 mm