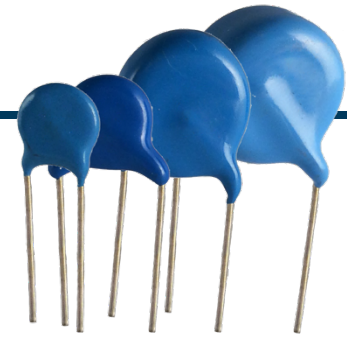




CK1 SERIES (NP0)

3 to 6kV
High Voltage Ceramic Capacitors



Features

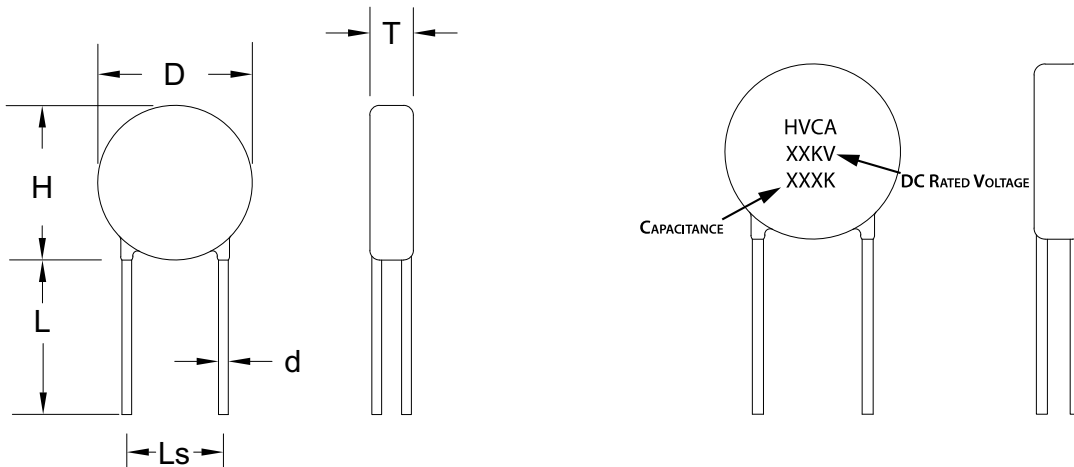
- Radial Leaded Package
- NP0 Temperature Characteristics

Specifications

Part Number	C pF	Tolerance ±%	V _{RATE} kV DC	V _{WITHSTAND} kV	D ¹ mm	H ¹ mm	T ¹ mm	L ² mm	LS ³ mm	d ⁴ mm
CK1NP02R0K3KV	2.0	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1NP03R3K3KV	3.3	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1NP05R0K3KV	5.0	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1NP06R8K3KV	6.8	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1NP0100K3KV	10.0	10	3	6.0	7.0	10.0	4.0	25.0	5.0	0.6
CK1NP0150K3KV	15.0	10	3	6.0	7.0	10.0	4.0	25.0	7.5	0.6
CK1NP0330K3KV	33.0	10	3	6.0	8.0	11.0	4.0	25.0	7.5	0.6
CK1NP0510K3KV	51.0	10	3	6.0	9.0	12.0	4.0	25.0	7.5	0.6
CK1NP0680K3KV	68.0	10	3	6.0	10.0	13.0	4.0	25.0	7.5	0.6
CK1NP0910K3KV	91.0	10	3	6.0	12.0	15.0	4.0	25.0	10.0	0.7
CK1NP0151K3KV	150.0	10	3	6.0	15.0	18.0	4.0	25.0	10.0	0.7
CK1NP02R0K6KV	2.0	10	6	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1NP03R6K6KV	3.3	10	6	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1NP05R0K6KV	5.0	10	6	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1NP06R8K6KV	6.8	10	6	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1NP0100K6KV	10.0	10	6	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1NP0150K6KV	15.0	10	6	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1NP0220K6KV	22.0	10	6	12.0	10.0	13.0	5.0	25.0	10.0	0.6
CK1NP0330K6KV	33.0	10	6	12.0	10.0	13.0	5.0	25.0	10.0	0.6
CK1NP0390K6KV	39.0	10	6	12.0	10.0	13.0	5.0	25.0	10.0	0.6
CK1NP0680K6KV	68.0	10	6	12.0	12.0	15.0	5.0	25.0	10.0	0.7
CK1NP0910K6KV	91.0	10	6	12.0	14.0	17.0	5.0	25.0	10.0	0.7
CK1NP0101K6KV	100.0	10	6	12.0	16.0	20.0	5.0	25.0	10.0	0.7
CK1NP0151K6KV	150.0	10	6	12.0	19.0	23.0	6.0	25.0	10.0	0.7

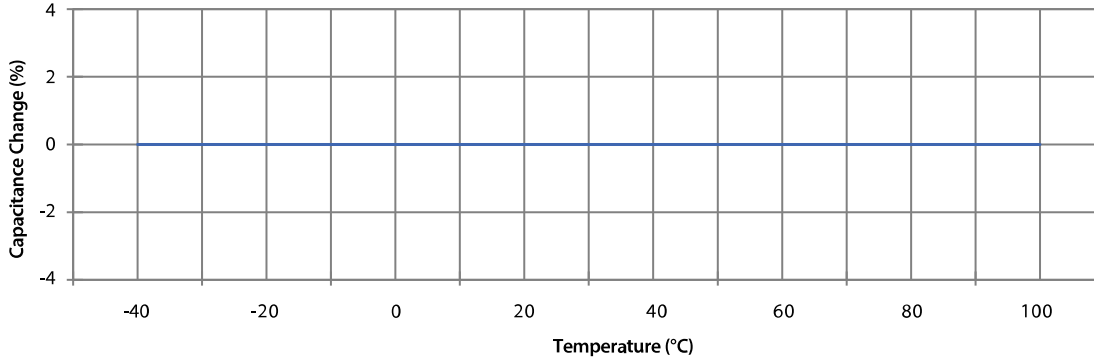
¹Maximum dimension. ²Minimum dimension. ³LS has a ±1.5mm tolerance. ⁴Typical.

Drawings

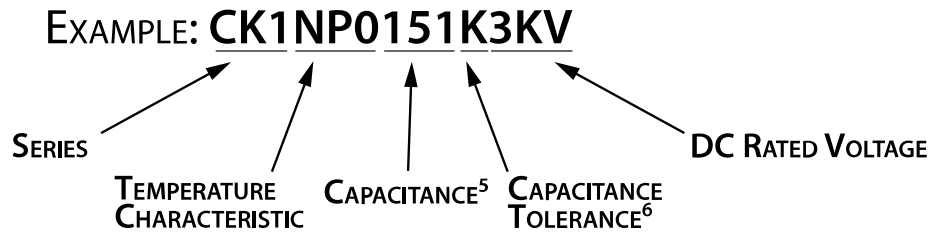




NP0 TYPICAL TEMPERATURE CHARACTERISTICS CURVE



PART NUMBER DECODER:



⁵Capacitance decoder: 102 = 1000pF, expressed by three figures. The first and second figures are significant digits, and the third figure expresses the number of zeros which follows the two numbers. 0 = x1, 1 = x10, 2 = x100, 3 = x1000

⁶Additional capacitance tolerances may be available upon request (ex. J = 5%, etc.)

Additional Specifications

	Specifications	Conditions
Operating Temperature Range	-25 to 100°C	-
Temperature Coefficient	-25 and +85°C	-
Dissipation Factor	Q ≥ 400	C < 30pF, +20°C
	Q ≥ 1000	C ≥ 30pF

Note: Specifications subject to change without notice. Photo is representation only.

