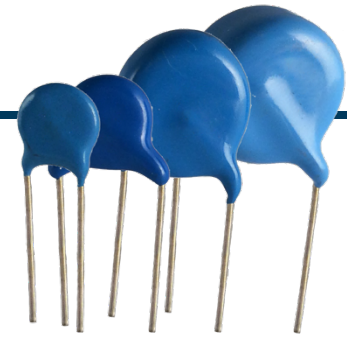




CK1 SERIES (SL)

3 to 6kV
High Voltage Ceramic Capacitors



Features

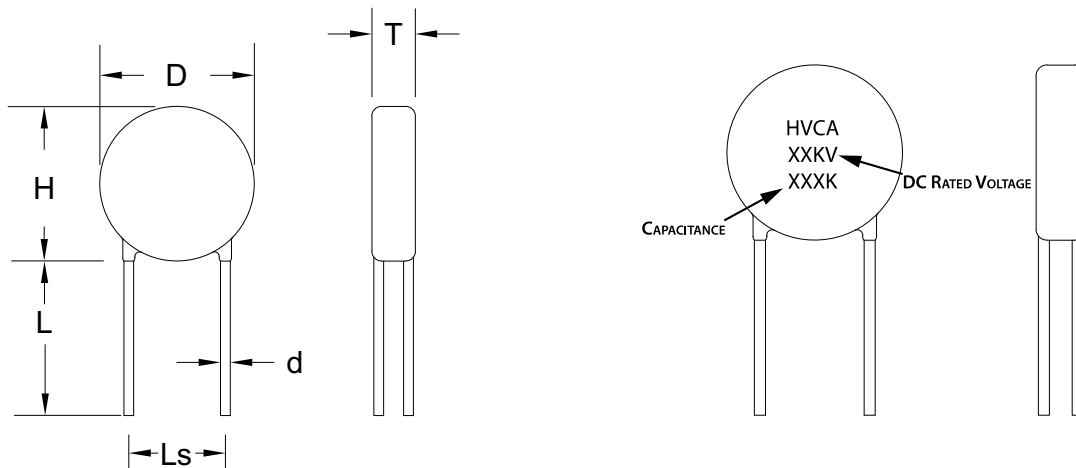
- Radial Leaded Package
- SL Temperature Characteristics

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
CK1SL100K3KV	10	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL150K3KV	15	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL220K3KV	22	10	3	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL510K3KV	51	10	3	6.0	8.0	11.0	4.0	25.0	5.0	0.6
CK1SL680K3KV	68	10	3	6.0	8.0	11.0	4.0	25.0	5.0	0.6
CK1SL910K3KV	91	10	3	6.0	9.0	12.0	4.0	25.0	5.0	0.6
CK1SL151K3KV	150	10	3	6.0	11.0	14.0	4.0	25.0	7.5	0.6
CK1SL161K3KV	160	10	3	6.0	11.0	14.0	4.0	25.0	7.5	0.6
CK1SL221K3KV	220	10	3	6.0	13.0	16.0	4.0	25.0	10.0	0.7
CK1SL241K3KV	240	10	3	6.0	13.0	16.0	4.0	25.0	10.0	0.7
CK1SL301K3KV	300	10	3	6.0	14.0	17.0	4.0	25.0	10.0	0.7
CK1SL100K6KV	10	10	6	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1SL150K6KV	15	10	6	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1SL330K6KV	33	10	6	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1SL390K6KV	39	10	6	12.0	8.0	11.0	5.0	25.0	10.0	0.6
CK1SL510K6KV	51	10	6	12.0	9.0	12.0	5.0	25.0	10.0	0.6
CK1SL680K6KV	68	10	6	12.0	10.0	13.0	5.0	25.0	10.0	0.6
CK1SL910K6KV	91	10	6	12.0	12.0	15.0	5.0	25.0	10.0	0.6
CK1SL151K6KV	150	10	6	12.0	12.0	15.0	5.0	25.0	10.0	0.7
CK1SL181K6KV	180	10	6	12.0	14.0	17.0	5.0	25.0	10.0	0.7
CK1SL201K6KV	200	10	6	12.0	14.0	17.0	5.0	25.0	10.0	0.7
CK1SL271K6KV	270	10	6	12.0	16.0	19.0	5.0	25.0	10.0	0.7
CK1SL301K6KV	300	10	6	12.0	17.0	21.0	5.0	25.0	10.0	0.7

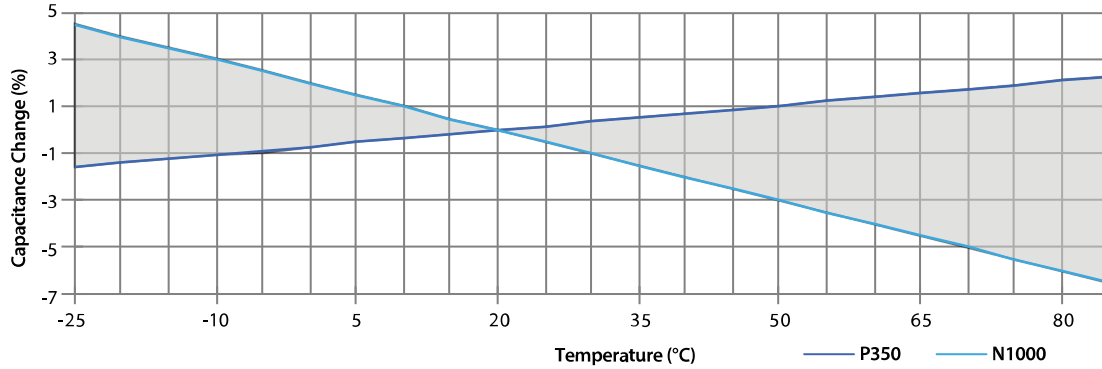
¹Maximum dimension. ²Minimum dimension. ³Ls has a ±1.5mm tolerance. ⁴Typical.

Drawings

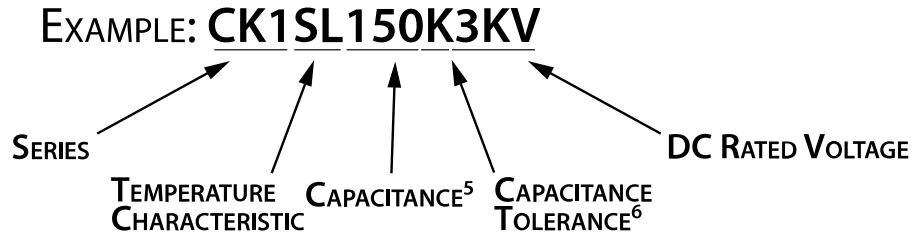




SL TYPICAL TEMPERATURE CHARACTERISTICS CURVE



PART NUMBER DECODER:



⁴Capacitance 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.

