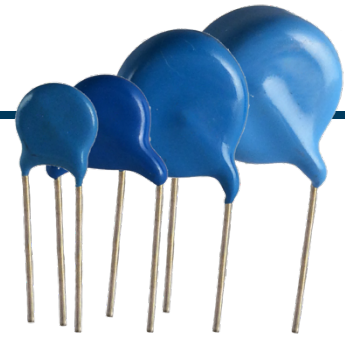




CK1 SERIES (SL)

3 to 6kV

High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- SL Temperature Characteristics

Specifications

Part Number ¹	C pF	Tolerance ¹ ±%	V _{RATE} kVDC	V _{WITHSTAND} kVDC	D ² mm	H ² mm	T ² mm	L ³ mm	Ls ⁴ mm	d ⁵ mm
CK1SL100•3KV	10	K,M,Z	3.0	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL150•3KV	15	K,M,Z	3.0	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL220•3KV	22	K,M,Z	3.0	6.0	6.0	9.0	4.0	25.0	5.0	0.6
CK1SL510•3KV	51	K,M,Z	3.0	6.0	8.0	11.0	4.0	25.0	5.0	0.6
CK1SL680•3KV	68	K,M,Z	3.0	6.0	8.0	11.0	4.0	25.0	5.0	0.6
CK1SL910•3KV	91	K,M,Z	3.0	6.0	9.0	12.0	4.0	25.0	5.0	0.6
CK1SL101•3KV	100	K,M,Z	3.0	6.0	9.0	13.0	4.0	25.0	7.5	0.6
CK1SL151•3KV	150	K,M,Z	3.0	6.0	11.0	14.0	4.0	25.0	7.5	0.6
CK1SL161•3KV	160	K,M,Z	3.0	6.0	11.0	14.0	4.0	25.0	7.5	0.6
CK1SL221•3KV	220	K,M,Z	3.0	6.0	13.0	16.0	4.0	25.0	10.0	0.7
CK1SL241•3KV	240	K,M,Z	3.0	6.0	13.0	16.0	4.0	25.0	10.0	0.7
CK1SL301•3KV	300	K,M,Z	3.0	6.0	14.0	17.0	4.0	25.0	10.0	0.7
CK1SL100•6KV	10	K,M,Z	6.0	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1SL150•6KV	15	K,M,Z	6.0	12.0	6.0	9.0	5.0	25.0	10.0	0.6
CK1SL330•6KV	33	K,M,Z	6.0	12.0	7.0	10.0	5.0	25.0	10.0	0.6
CK1SL390•6KV	39	K,M,Z	6.0	12.0	8.0	11.0	5.0	25.0	10.0	0.6
CK1SL510•6KV	51	K,M,Z	6.0	12.0	9.0	12.0	5.0	25.0	10.0	0.6
CK1SL680•6KV	68	K,M,Z	6.0	12.0	10.0	13.0	5.0	25.0	10.0	0.6
CK1SL910•6KV	91	K,M,Z	6.0	12.0	12.0	15.0	5.0	25.0	10.0	0.6
CK1SL101•6KV	100	K,M,Z	6.0	12.0	13.0	17.0	5.0	25.0	10.0	0.6
CK1SL151•6KV	150	K,M,Z	6.0	12.0	12.0	15.0	5.0	25.0	10.0	0.7
CK1SL181•6KV	180	K,M,Z	6.0	12.0	14.0	17.0	5.0	25.0	10.0	0.7
CK1SL201•6KV	200	K,M,Z	6.0	12.0	14.0	17.0	5.0	25.0	10.0	0.7
CK1SL271•6KV	270	K,M,Z	6.0	12.0	16.0	19.0	5.0	25.0	10.0	0.7
CK1SL301•6KV	300	K,M,Z	6.0	12.0	17.0	21.0	5.0	25.0	10.0	0.7

¹CK1SL models are offered with K (± 10%), M (± 20%), and Z (+80%, -20%) capacitance tolerances. Substitute the “•” in the part number with the preferred tolerance. Inquire for additional information.

²Maximum dimension.

³Minimum dimension.

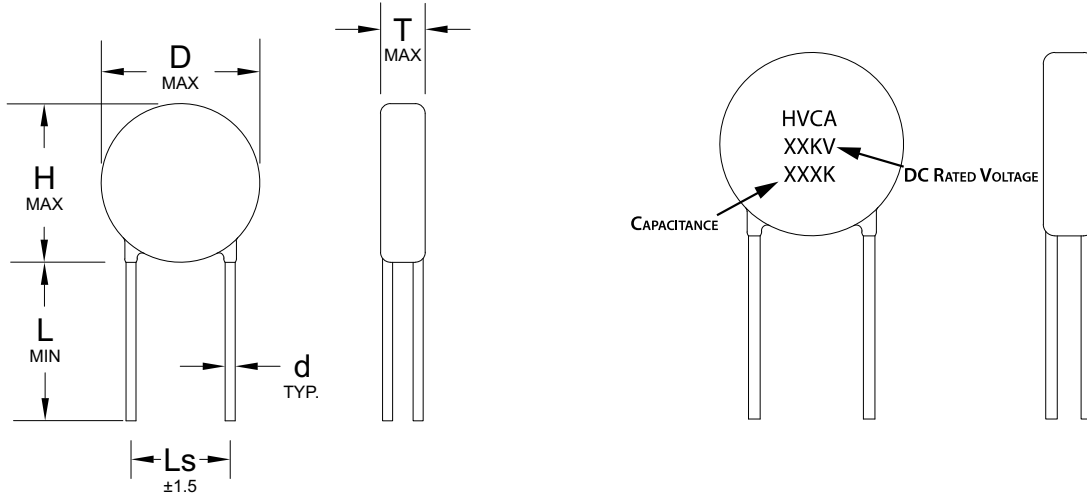
⁴Ls has a ±1.5mm tolerance.

⁵Typical.

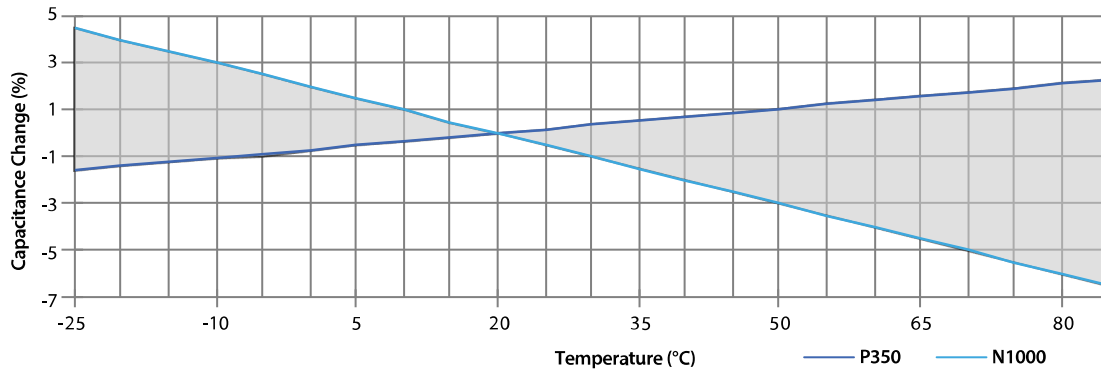


CK1 SERIES (SL)

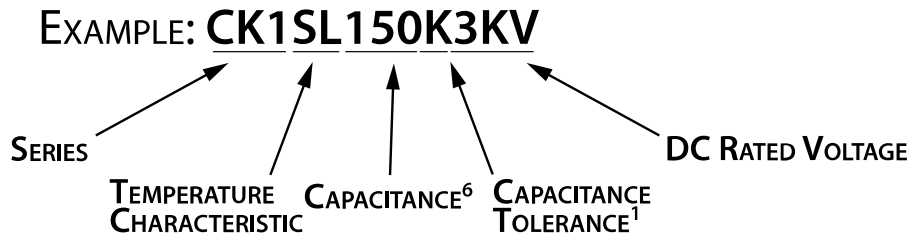
Drawings and Characteristics



SL TYPICAL TEMPERATURE CHARACTERISTICS CURVE



Part Number Decoder:



⁶Capacitance decoder:

For capacitance values less than 10pF, digits before the "R" are significant digits, while digits after the "R" are the decimal values after the significant digits. For example, 4R7 = 4.7pF, since the 4 is the significant digit while the 7 is the digit after the decimal.

For capacitance values 100pF and higher, the first and second digits are significant digits, while the third digit expresses the number of zeros to follow the two significant digits. For example, 152 = 1500pF, since the 1 and the 5 are the significant digits with 2 zeros that follow.



CK1 SERIES (SL)

Additional Specifications

	Specifications	Conditions
Operating Temperature Range	-25 to +100°C	-
Temperature Coefficient	-25 to +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.