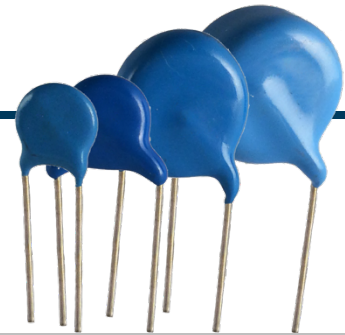




NY2 SERIES (Y5P)

3 to 15kV
High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- Y5P 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
NY2Y5P101•3KV	100	K,M,Z	3.0	4.5	7.5	10.0	4.0	25.0	7.5	0.6
NY2Y5P221•3KV	220	K,M,Z	3.0	4.5	7.0	8.0	4.0	25.0	7.5	0.6
NY2Y5P331•3KV	330	K,M,Z	3.0	4.5	7.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P471•3KV	470	K,M,Z	3.0	4.5	8.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P561•3KV	560	K,M,Z	3.0	4.5	8.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P102•3KV	1000	K,M,Z	3.0	4.5	9.0	11.0	4.0	25.0	7.5	0.6
NY2Y5P152•3KV	1500	K,M,Z	3.0	4.5	11.0	12.0	4.0	25.0	7.5	0.6
NY2Y5P242•3KV	2400	K,M,Z	3.0	4.5	16.0	19.0	4.0	25.0	7.5	0.7
NY2Y5P101•6KV	100	K,M,Z	6.0	9.0	8.0	11.0	7.0	25.0	7.5	0.6
NY2Y5P221•6KV	220	K,M,Z	6.0	9.0	8.0	11.0	7.0	25.0	10.0	0.6
NY2Y5P331•6KV	330	K,M,Z	6.0	9.0	9.0	10.0	7.0	25.0	10.0	0.6
NY2Y5P471•6KV	470	K,M,Z	6.0	9.0	10.0	11.0	7.0	25.0	10.0	0.6
NY2Y5P561•6KV	560	K,M,Z	6.0	9.0	12.0	16.0	5.0	25.0	10.0	0.6
NY2Y5P102•6KV	1000	K,M,Z	6.0	9.0	13.0	17.0	5.0	25.0	10.0	0.7
NY2Y5P152•6KV	1500	K,M,Z	6.0	9.0	14.0	16.0	7.0	25.0	10.0	0.7
NY2Y5P242•6KV	2400	K,M,Z	6.0	9.0	18.0	22.0	5.0	25.0	10.0	0.6
NY2Y5P101•10KV	100	K,M,Z	10.0	15.0	8.0	10.0	8.0	25.0	10.0	0.7
NY2Y5P221•10KV	220	K,M,Z	10.0	15.0	10.0	11.0	8.0	25.0	10.0	0.7
NY2Y5P331•10KV	330	K,M,Z	10.0	15.0	11.0	13.0	8.0	25.0	10.0	0.7
NY2Y5P471•10KV	470	K,M,Z	10.0	15.0	12.0	14.0	8.0	25.0	10.0	0.7
NY2Y5P561•10KV	560	K,M,Z	10.0	15.0	12.0	15.0	8.0	25.0	10.0	0.7
NY2Y5P681•10KV	680	K,M,Z	10.0	15.0	13.0	17.0	8.0	25.0	10.0	0.7
NY2Y5P102•10KV	1000	K,M,Z	10.0	15.0	17.0	21.0	8.0	25.0	10.0	0.7
NY2Y5P152•10KV	1500	K,M,Z	10.0	15.0	18.0	21.0	8.0	25.0	10.0	0.7
NY2Y5P101•15KV	100	K,M,Z	15.0	22.5	9.0	13.0	9.0	25.0	10.0	0.7
NY2Y5P151•15KV	150	K,M,Z	15.0	22.5	8.0	12.0	9.0	25.0	12.5	0.7
NY2Y5P221•15KV	220	K,M,Z	15.0	22.5	13.0	17.0	9.0	25.0	10.0	0.7
NY2Y5P331•15KV	330	K,M,Z	15.0	22.5	13.0	15.0	9.0	25.0	10.0	0.7
NY2Y5P471•15KV	470	K,M,Z	15.0	22.5	14.0	18.0	9.0	25.0	12.5	0.7
NY2Y5P561•15KV	560	K,M,Z	15.0	22.5	15.0	17.0	9.0	25.0	10.0	0.7
NY2Y5P681•15KV	680	K,M,Z	15.0	22.5	17.0	21.0	10.0	25.0	12.5	0.7
NY2Y5P102•15KV	1000	K,M,Z	15.0	22.5	19.0	22.0	9.0	25.0	10.0	0.7
NY2Y5P152•15KV	1500	K,M,Z	15.0	22.5	22.0	25.0	9.0	25.0	10.0	0.7
NY2Y5P202•15KV	2000	K,M,Z	15.0	22.5	23.0	27.0	10.0	25.0	12.5	0.7
NY2Y5P242•15KV	2400	K,M,Z	15.0	22.5	24.0	26.0	9.0	25.0	10.0	0.7
NY2Y5P252•15KV	2500	K,M,Z	15.0	22.5	27.0	31.0	9.0	25.0	15.0	0.7

¹NY2Y5P 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.

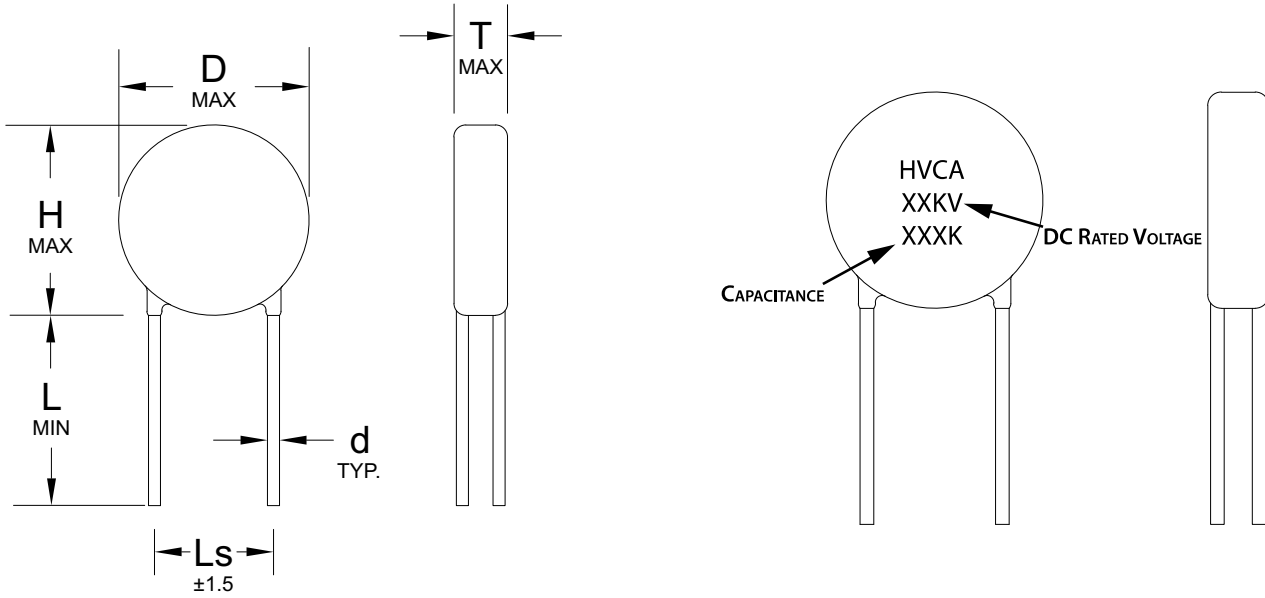
⁴Ls has a ±1.5mm tolerance.

⁵Typical.

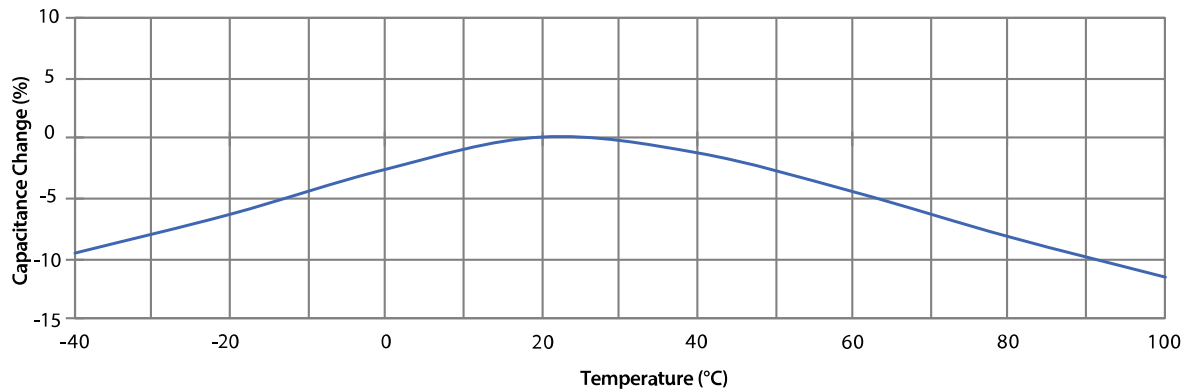


NY2 SERIES (Y5P)

Drawings and Characteristics



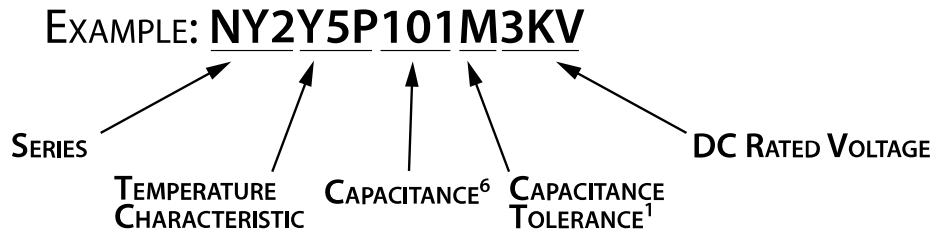
Y5P TYPICAL TEMPERATURE CHARACTERISTICS CURVE





NY2 SERIES (Y5P)

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.

Additional Specifications

Specifications	
Operating Temperature Range	-25 to +100°C
Temperature Coefficient	-25 to +85°C
Dissipation Factor	2.5% Max

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

