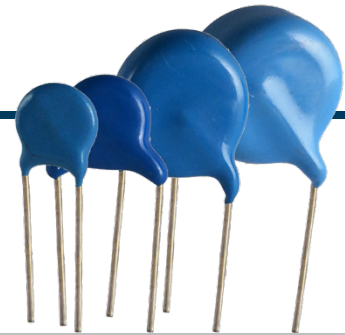




NY2 SERIES (Y5P)

3 to 15kV
High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- Y5P Temperature Characteristics

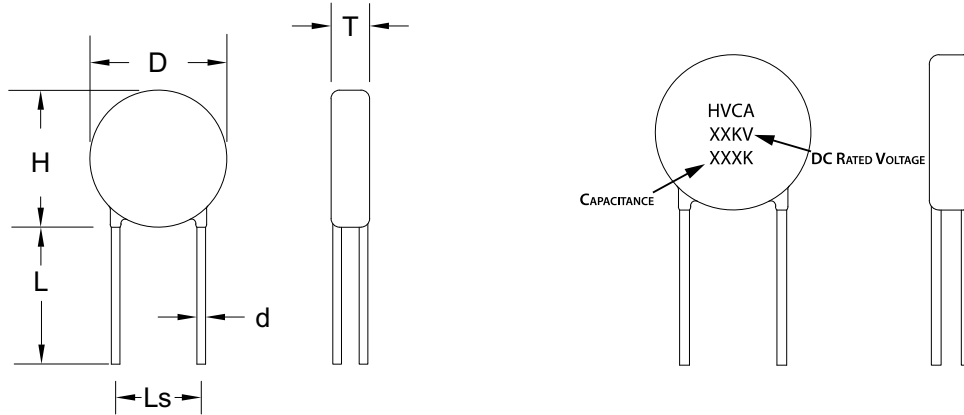
Specifications

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
NY2Y5P101M3KV	100	20	3000	4500	7.5	10.0	4.0	25.0	7.5	0.6
NY2Y5P221M3KV	220	20	3000	4500	7.0	8.0	4.0	25.0	7.5	0.6
NY2Y5P331M3KV	330	20	3000	4500	7.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P471M3KV	470	20	3000	4500	8.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P561M3KV	560	20	3000	4500	8.0	9.0	4.0	25.0	7.5	0.6
NY2Y5P102M3KV	1000	20	3000	4500	9.0	11.0	4.0	25.0	7.5	0.6
NY2Y5P152M3KV	1500	20	3000	4500	11.0	12.0	4.0	25.0	7.5	0.6
NY2Y5P242M3KV	2400	20	3000	4500	16.0	19.0	4.0	25.0	7.5	0.7
NY2Y5P101M6KV	100	20	6000	9000	8.0	11.0	7.0	25.0	7.5	0.6
NY2Y5P221M6KV	220	20	6000	9000	8.0	11.0	7.0	25.0	10.0	0.6
NY2Y5P331M6KV	330	20	6000	9000	9.0	10.0	7.0	25.0	10.0	0.6
NY2Y5P471M6KV	470	20	6000	9000	10.0	11.0	7.0	25.0	10.0	0.6
NY2Y5P561M6KV	560	20	6000	9000	12.0	16.0	5.0	25.0	10.0	0.6
NY2Y5P102M6KV	1000	20	6000	9000	13.0	17.0	5.0	25.0	10.0	0.7
NY2Y5P152M6KV	1500	20	6000	9000	14.0	16.0	7.0	25.0	10.0	0.7
NY2Y5P242M6KV	2400	20	6000	9000	18.0	22.0	5.0	25.0	10.0	0.6
NY2Y5P101M10KV	100	20	10000	15000	8.0	10.0	8.0	25.0	10.0	0.7
NY2Y5P221M10KV	220	20	10000	15000	10.0	11.0	8.0	25.0	10.0	0.7
NY2Y5P331M10KV	330	20	10000	15000	11.0	13.0	8.0	25.0	10.0	0.7
NY2Y5P471M10KV	470	20	10000	15000	12.0	14.0	8.0	25.0	10.0	0.7
NY2Y5P561M10KV	560	20	10000	15000	12.0	15.0	8.0	25.0	10.0	0.7
NY2Y5P681M10KV	680	20	10000	15000	13.0	17.0	8.0	25.0	10.0	0.7
NY2Y5P102M10KV	1000	20	10000	15000	17.0	21.0	8.0	25.0	10.0	0.7
NY2Y5P152M10KV	1500	20	10000	15000	18.0	21.0	8.0	25.0	10.0	0.7
NY2Y5P101M15KV	100	20	15000	22500	9.0	13.0	9.0	25.0	10.0	0.7
NY2Y5P151M15KV	150	20	15000	22500	8.0	12.0	9.0	25.0	12.5	0.7
NY2Y5P221M15KV	220	20	15000	22500	13.0	17.0	9.0	25.0	10.0	0.7
NY2Y5P331M15KV	330	20	15000	22500	13.0	15.0	9.0	25.0	10.0	0.7
NY2Y5P471M15KV	470	20	15000	22500	14.0	18.0	9.0	25.0	12.5	0.7
NY2Y5P561M15KV	560	20	15000	22500	15.0	17.0	9.0	25.0	10.0	0.7
NY2Y5P681M15KV	680	20	15000	22500	17.0	21.0	10.0	25.0	12.5	0.7
NY2Y5P102M15KV	1000	20	15000	22500	19.0	22.0	9.0	25.0	10.0	0.7
NY2Y5P152M15KV	1500	20	15000	22500	22.0	25.0	9.0	25.0	10.0	0.7
NY2Y5P202M15KV	2000	20	15000	22500	23.0	27.0	10.0	25.0	12.5	0.7
NY2Y5P242M15KV	2400	20	15000	22500	24.0	26.0	9.0	25.0	10.0	0.7
NY2Y5P252M15KV	2500	20	15000	22500	27.0	31.0	9.0	25.0	15.0	0.7

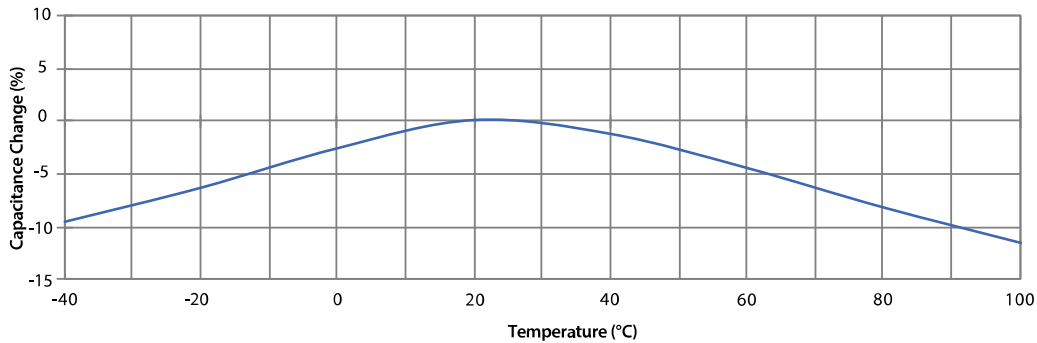
¹Maximum dimension.
²Minimum dimension.
³Ls has a ±1.5mm tolerance.
⁴Typical.



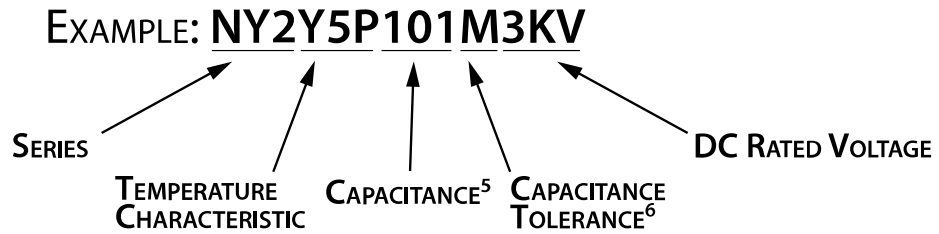
Drawings



Y5P 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

⁶NY2Y5P models are also offered with K and Z capacitance tolerances. Contact the factory for additional information.

Additional Specifications

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



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