



NY3 Series

High Voltage Ceramic Capacitors

Features:

- Axial Lead Package
- YSP & Y5U Temperature Characteristics
- Class II

Specifications:



Part Number	C pF	Tolerance ±%	V _{RATED} kVDC	V _{WITHSTAND} kV	D ¹ mm	H ¹ mm	T ¹ mm	Ls ² mm	d ³ mm
NY3 Y5P Dielectric Subseries									
NY3Y5P221M10KV	220	20	10000	15000	10	14	8	15	0.7
NY3Y5P471M10KV	470	20	10000	15000	12	16	9	15	0.7
NY3Y5P561M10KV	560	20	10000	15000	14	18	9	15	0.7
NY3Y5P681M10KV	680	20	10000	15000	15	19	9	15	0.7
NY3Y5P102M10KV	1000	20	10000	15000	16	20	9	15	0.7
NY3Y5P152M10KV	1500	20	10000	15000	19	23	9	15	0.7
NY3Y5P252M10KV	2500	20	10000	15000	23	27	9	15	0.7
NY3Y5P221M12KV	220	20	12000	18000	10	14	9	15	0.7
NY3Y5P471M12KV	470	20	12000	18000	12	16	9	15	0.7
NY3Y5P561M12KV	560	20	12000	18000	14	18	9	15	0.7
NY3Y5P681M12KV	680	20	12000	18000	15	19	11	15	0.7
NY3Y5P102M12KV	1000	20	12000	18000	17	21	9	15	0.7
NY3Y5P152M12KV	1500	20	12000	18000	19	23	9	15	0.7
NY3Y5P252M12KV	2500	20	12000	18000	23	27	9	15	0.7
NY3Y5P221M15KV	220	20	15000	22500	11	15	9	16	0.7
NY3Y5P471M15KV	470	20	15000	22500	13	17	9	16	0.7
NY3Y5P561M15KV	560	20	15000	22500	14	18	9	16	0.7
NY3Y5P681M15KV	680	20	15000	22500	16	20	12	16	0.7
NY3Y5P102M15KV	1000	20	15000	22500	17	21	10	16	0.7
NY3Y5P152M15KV	1500	20	15000	22500	20	24	10	16	0.7
NY3Y5P252M15KV	2500	20	15000	22500	24	28	10	16	0.7
NY3Y5P221M18KV	220	20	18000	27000	11	15	12	17	0.7
NY3Y5P471M18KV	470	20	18000	27000	15	19	12	17	0.7
NY3Y5P561M18KV	560	20	18000	27000	16	20	12	17	0.7
NY3Y5P681M18KV	680	20	18000	27000	18	22	12	17	0.7
NY3Y5P102M18KV	1000	20	18000	27000	20	24	12	17	0.7
NY3Y5P152M18KV	1500	20	18000	27000	23	27	12	17	0.7
NY3Y5P221M20KV	220	20	20000	30000	12	16	13	17	0.7
NY3Y5P471M20KV	470	20	20000	30000	15	19	13	17	0.7
NY3Y5P561M20KV	560	20	20000	30000	16	20	13	17	0.7
NY3Y5P681M20KV	680	20	20000	30000	17	21	13	17	0.7
NY3Y5P102M20KV	1000	20	20000	30000	20	24	13	17	0.7
NY3Y5P152M20KV	1500	20	20000	30000	23	27	13	17	0.7
NY3 Y5U Dielectric Subseries									
NY3Y5U561M10KV	560	20	10000	15000	11	15	9	15	0.7
NY3Y5U681M10KV	680	20	10000	15000	11	15	9	15	0.7
NY3Y5U102M10KV	1000	20	10000	15000	13	17	9	15	0.7
NY3Y5U122M10KV	1200	20	10000	15000	14	18	9	15	0.7
NY3Y5U182M10KV	1800	20	10000	15000	16	20	9	15	0.7

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Part Number	C pF	Tolerance ±%	V _{RATED} kVDC	V _{WITHSTAND} kV	D ¹ mm	H ¹ mm	T ¹ mm	Ls ² mm	d ³ mm
NY3Y5U222M10KV	2200	20	10000	15000	17	21	9	15	0.7
NY3Y5U332M10KV	3300	20	10000	15000	18	22	9	15	0.7
NY3Y5U472M10KV	4700	20	10000	15000	20	24	9	15	0.7
NY3Y5U562M10KV	5600	20	10000	15000	24	28	10	15	0.7
NY3Y5U682M10KV	6800	20	10000	15000	27	31	10	15	0.7
NY3Y5U561M12KV	560	20	12000	18000	11	15	9	15	0.7
NY3Y5U681M12KV	680	20	12000	18000	11	15	9	15	0.7
NY3Y5U102M12KV	1000	20	12000	18000	14	18	9	15	0.7
NY3Y5U122M12KV	1200	20	12000	18000	14	18	9	15	0.7
NY3Y5U182M12KV	1800	20	12000	18000	16	20	9	15	0.7
NY3Y5U222M12KV	2200	20	12000	18000	17	21	9	15	0.7
NY3Y5U332M12KV	3300	20	12000	18000	20	24	9	15	0.7
NY3Y5U472M12KV	4700	20	12000	18000	20	24	9	15	0.7
NY3Y5U562M12KV	5600	20	12000	18000	24	28	10	15	0.7
NY3Y5U682M12KV	6800	20	12000	18000	27	31	10	15	0.7
NY3Y5U561M15KV	560	20	15000	22500	12	15	10	15	0.7
NY3Y5U681M15KV	680	20	15000	22500	12	16	10	15	0.7
NY3Y5U102M15KV	1000	20	15000	22500	14	18	10	15	0.7
NY3Y5U122M15KV	1200	20	15000	22500	14	18	10	15	0.7
NY3Y5U182M15KV	1800	20	15000	22500	16	20	10	15	0.7
NY3Y5U222M15KV	2200	20	15000	22500	17	21	10	15	0.7
NY3Y5U332M15KV	3300	20	15000	22500	20	24	10	15	0.7
NY3Y5U472M15KV	4700	20	15000	22500	23	27	10	15	0.7
NY3Y5U562M15KV	5600	20	15000	22500	24	28	10	15	0.7
NY3Y5U561M18KV	560	20	18000	27000	12	16	11	16	0.7
NY3Y5U681M18KV	680	20	18000	27000	12	16	11	16	0.7
NY3Y5U102M18KV	1000	20	18000	27000	14	18	11	16	0.7
NY3Y5U122M18KV	1200	20	18000	27000	15	19	11	16	0.7
NY3Y5U182M18KV	1800	20	18000	27000	17	21	11	16	0.7
NY3Y5U222M18KV	2200	20	18000	27000	20	24	11	16	0.7
NY3Y5U332M18KV	3300	20	18000	27000	23	27	11	16	0.7
NY3Y5U472M18KV	4700	20	18000	27000	24	28	11	16	0.7
NY3Y5U561M20KV	560	20	20000	30000	12	16	11	16	0.7
NY3Y5U681M20KV	680	20	20000	30000	12	16	11	16	0.7
NY3Y5U102M20KV	1000	20	20000	30000	14	18	11	16	0.7
NY3Y5U122M20KV	1200	20	20000	30000	15	19	11	16	0.7
NY3Y5U182M20KV	1800	20	20000	30000	17	21	11	16	0.7
NY3Y5U222M20KV	2200	20	20000	30000	19	23	11	16	0.7
NY3Y5U332M20KV	3300	20	20000	30000	22	26	11	16	0.7
NY3Y5U472M20KV	4700	20	20000	30000	24	28	11	16	0.7

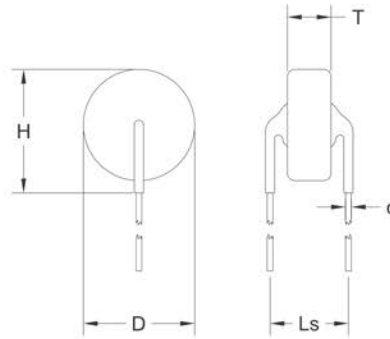
¹Maximum dimension.

²Ls has a ±1.5mm tolerance.

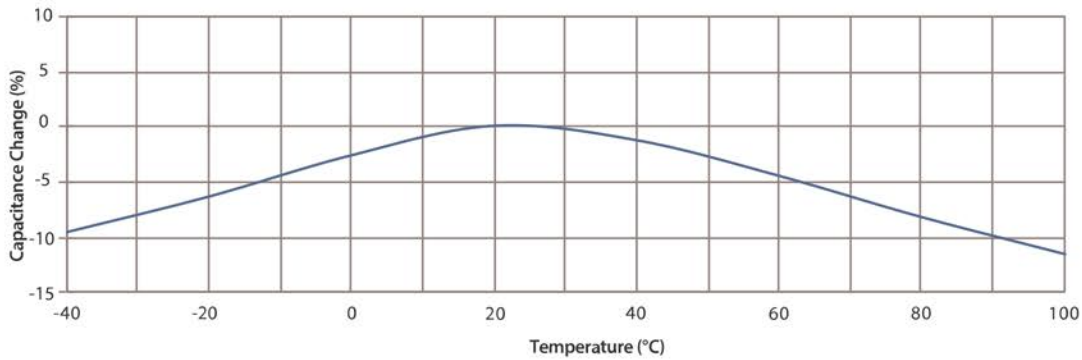
³Typical.



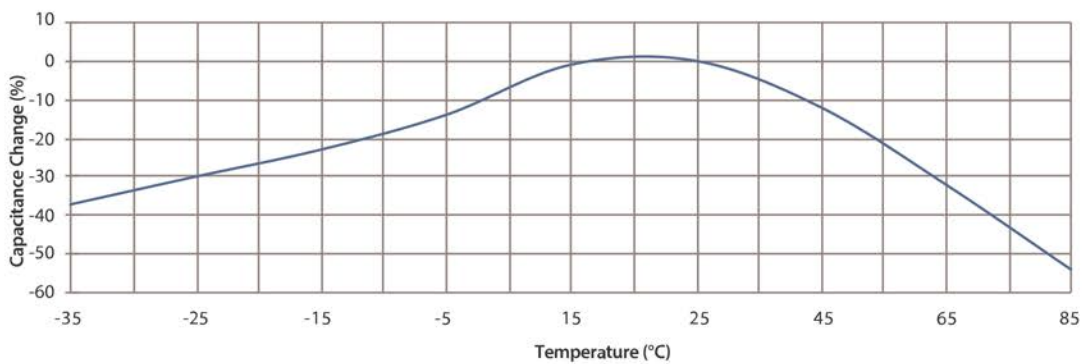
NY3 Series High Voltage Ceramic Capacitors



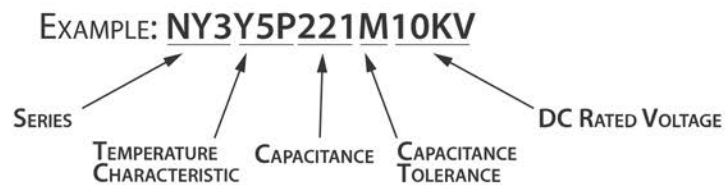
Y5P TYPICAL TEMPERATURE CHARACTERISTICS CURVE



Y5U TYPICAL TEMPERATURE CHARACTERISTICS CURVE



PART NUMBER DECODER:



Capacitance 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

NY3 models are also offered with J and M 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	Low

Certifications:

