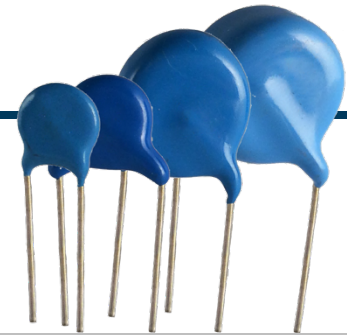




NY2 SERIES (Z5U)

3 to 15kV
High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- Z5U 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
NY2Z5U102M3KV	1000	20	3000	4500	6.0	9.0	4.0	25.0	5.0	0.6
NY2Z5U152M3KV	1500	20	3000	4500	8.0	10.0	4.0	25.0	7.5	0.6
NY2Z5U222M3KV	2200	20	3000	4500	10.0	11.0	4.0	25.0	7.5	0.6
NY2Z5U332M3KV	3300	20	3000	4500	10.0	11.0	4.0	25.0	7.5	0.6
NY2Z5U472M3KV	4700	20	3000	4500	12.0	13.0	4.0	25.0	7.5	0.7
NY2Z5U562M3KV	5600	20	3000	4500	14.0	15.0	4.0	25.0	7.5	0.7
NY2Z5U471M6KV	470	20	6000	9000	8.0	10.0	6.0	25.0	7.5	0.6
NY2Z5U561M6KV	560	20	6000	9000	8.0	10.0	6.0	25.0	7.5	0.6
NY2Z5U102M6KV	1000	20	6000	9000	9.0	11.0	6.0	25.0	10.0	0.6
NY2Z5U152M6KV	1500	20	6000	9000	10.0	12.0	6.0	25.0	10.0	0.6
NY2Z5U222M6KV	2200	20	6000	9000	13.0	17.0	6.0	25.0	10.0	0.7
NY2Z5U332M6KV	3300	20	6000	9000	14.0	16.0	6.0	25.0	10.0	0.7
NY2Z5U472M6KV	4700	20	6000	9000	18.0	22.0	10.0	25.0	12.5	0.6
NY2Z5U471M10KV	470	20	10000	15000	9.5	12.0	7.0	25.0	10.0	0.7
NY2Z5U561M10KV	560	20	10000	15000	9.0	12.0	7.0	25.0	10.0	0.7
NY2Z5U102M10KV	1000	20	10000	15000	11.0	13.0	8.0	25.0	10.0	0.7
NY2Z5U152M10KV	1500	20	10000	15000	13.0	16.0	8.0	25.0	10.0	0.7
NY2Z5U222M10KV	2200	20	10000	15000	16.0	18.0	8.0	25.0	10.0	0.7
NY2Z5U332M10KV	3300	20	10000	15000	18.0	22.0	8.0	25.0	10.0	0.7
NY2Z5U471M15KV	470	20	15000	22500	11.0	12.0	10.0	25.0	12.5	0.7
NY2Z5U561M15KV	560	20	15000	22500	12.0	14.0	10.0	25.0	12.5	0.7
NY2Z5U102M15KV	1000	20	15000	22500	12.0	15.0	10.0	25.0	12.5	0.7
NY2Z5U152M15KV	1500	20	15000	22500	15.0	17.0	10.0	25.0	12.5	0.7
NY2Z5U202M15KV	2000	20	15000	22500	18.0	22.0	10.0	25.0	12.5	0.7

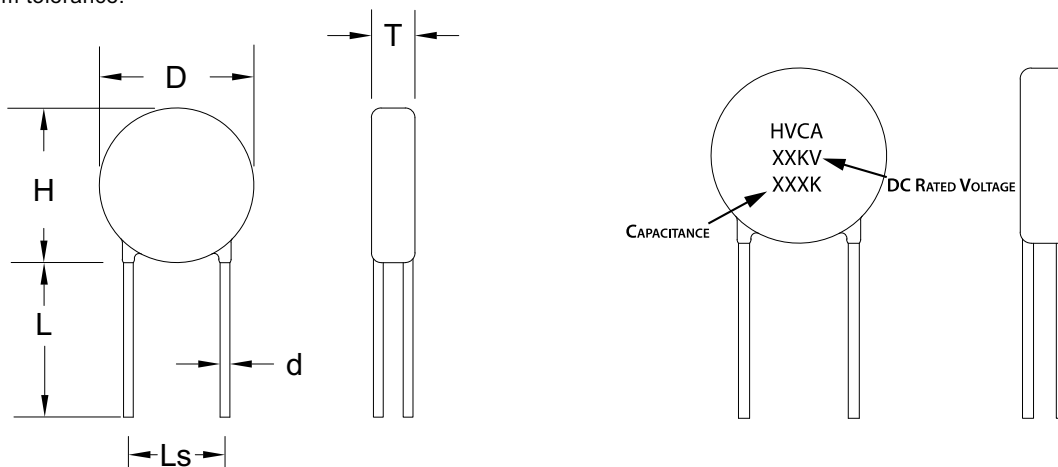
¹Maximum dimension.

²Minimum dimension.

³LS has a ±1.5mm tolerance.

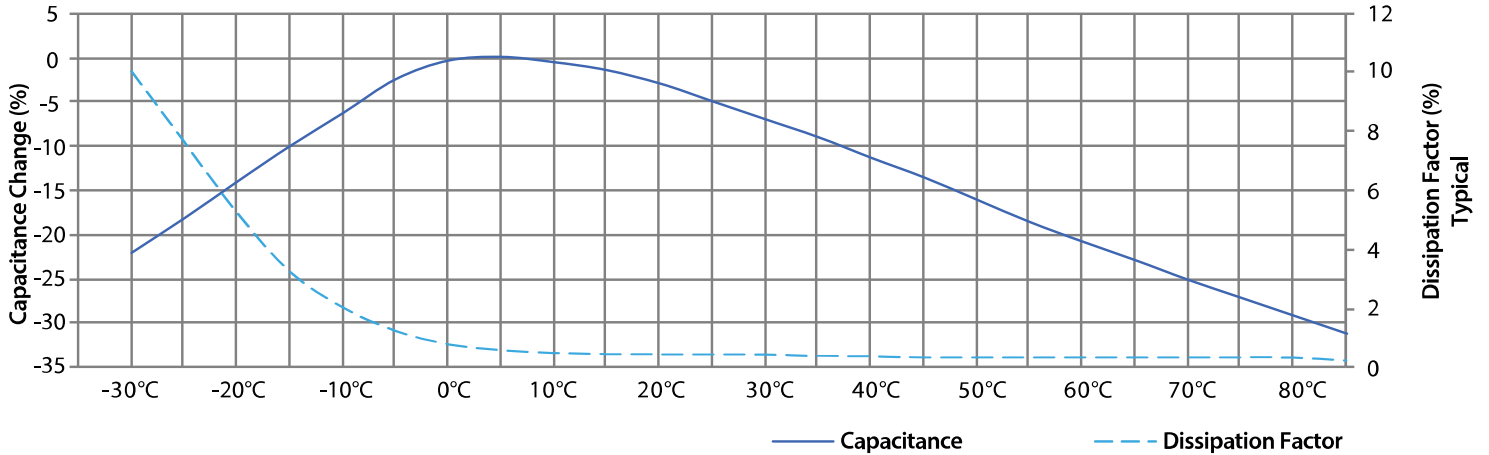
⁴Typical.

Drawings

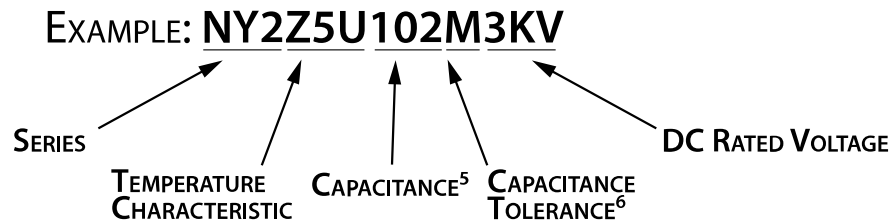




Z5U TYPICAL TEMPERATURE AND DISSIPATION CHARACTERISTICS CURVE



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

⁶NY2Z5U 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.

