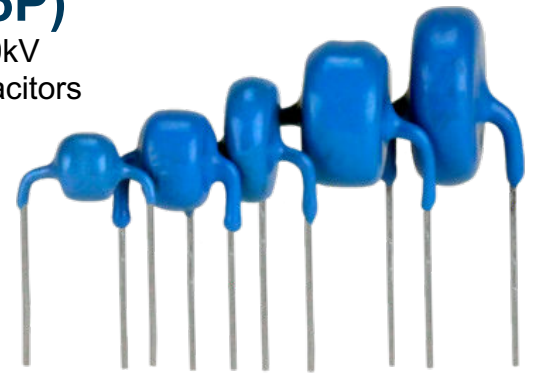




TY3 SERIES (Y5P)

200 to 2500pF, 10 to 20kV
High Voltage Ceramic Capacitors



Features

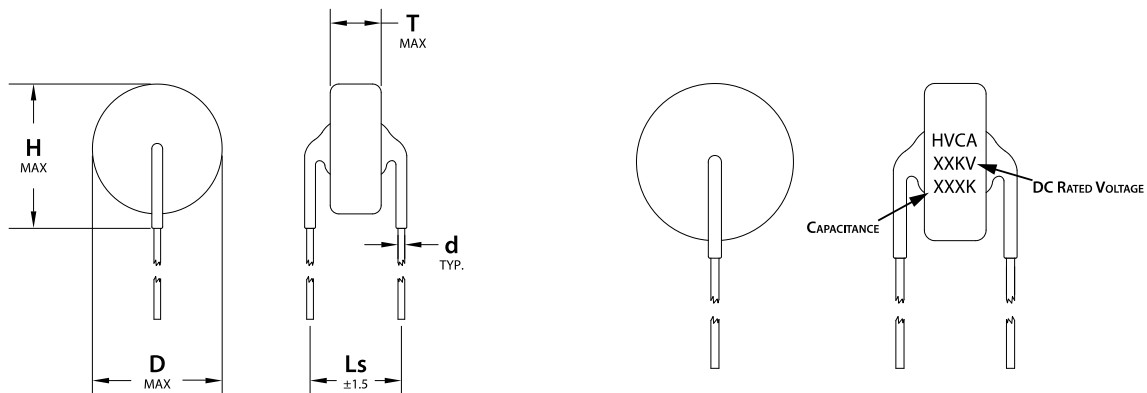
- Radial Leded Package
- Y5P Temperature Characteristics

Specifications

Part Number	Value									
	C Typical Cap. (pF)	Tolerance (±%)	V _{RATED} Max. Rated Voltage (kVDC)	V _{WITHSTAND} Dielectric Withstand Voltage (kVDC)	D Max. Dia. (mm)	H Max. Height (mm)	T Max. Thickness (mm)	L Min. Lead Length (mm)	Ls Max. Lead Spacing (mm) ±1.5mm tolerance	d Typical Lead Dia. (mm)
TY3Y5P221•10KV	220	K,M,Z	10.0	15.0	8.5	12.5	9.5	25.0	15.0	0.7
TY3Y5P681•10KV	680	K,M,Z	10.0	15.0	12.5	16.5	9.0	25.0	15.0	0.8
TY3Y5P102•10KV	1000	K,M,Z	10.0	15.0	15.5	19.5	9.5	25.0	15.0	0.7
TY3Y5P152•10KV	1500	K,M,Z	10.0	15.0	17.5	21.5	9.0	25.0	15.0	0.8
TY3Y5P252•10KV	2500	K,M,Z	10.0	15.0	21.0	25.0	8.5	25.0	15.0	0.7
TY3Y5P221•12KV	220	K,M,Z	12.0	18.0	10.0	14.0	9.0	25.0	15.0	0.7
TY3Y5P221•15KV	220	K,M,Z	15.0	22.5	11.0	15.0	9.0	25.0	15.0	0.7
TY3Y5P471•15KV	470	K,M,Z	15.0	22.5	13.0	17.0	9.0	25.0	16.0	0.7
TY3Y5P561•15KV	560	K,M,Z	15.0	22.5	14.0	18.0	9.0	25.0	16.0	0.7
TY3Y5P102•15KV	1000	K,M,Z	15.0	22.5	17.0	21.0	10.0	25.0	16.0	0.7
TY3Y5P152•15KV	1500	K,M,Z	15.0	22.5	20.0	24.0	10.0	25.0	16.0	0.7
TY3Y5P252•15KV	2500	K,M,Z	15.0	22.5	20.0	24.0	11.0	25.0	15.0	0.7
TY3Y5P201•20KV	200	K,M,Z	20.0	30.0	11.0	15.0	15.0	25.0	15.0	0.8
TY3Y5P221•20KV	220	K,M,Z	20.0	30.0	11.0	15.0	11.0	25.0	15.0	0.8
TY3Y5P471•20KV	470	K,M,Z	20.0	30.0	17.0	23.0	12.0	25.0	17.0	0.8
TY3Y5P681•20KV	680	K,M,Z	20.0	30.0	19.0	22.0	13.0	25.0	17.0	0.8
TY3Y5P102•20KV	1000	K,M,Z	20.0	30.0	23.0	27.0	12.5	25.0	15.0	0.8

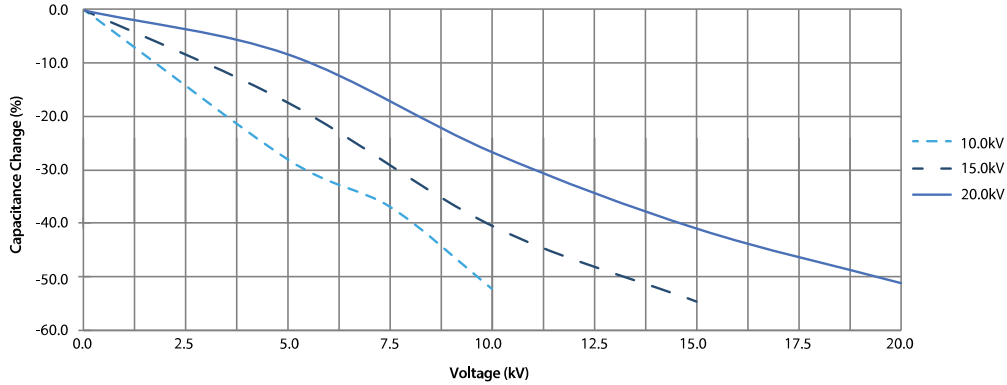
Note: TY3Y5P models are offered with K (± 10%), M (± 20%), and Z (+80%, -20%) capacitance tolerances. Substitute the "*" in the part number with the preferred tolerance. Inquire for additional information.

Drawings and Characteristics

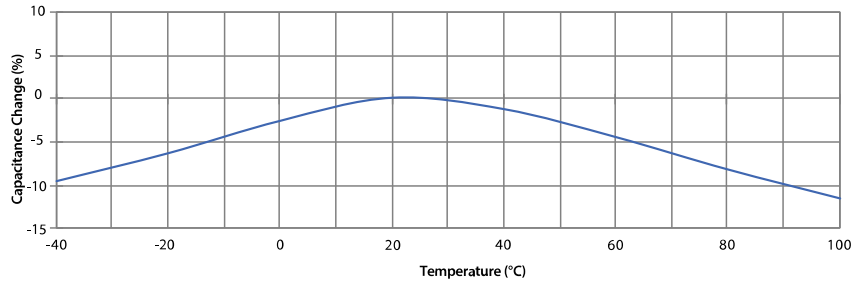




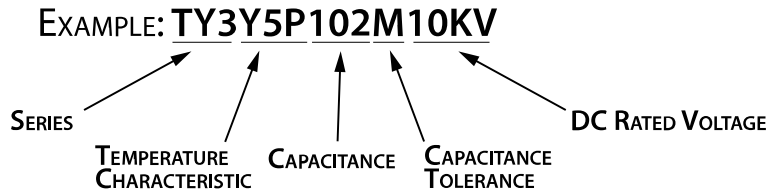
Y5P TYPICAL VOLTAGE CHARACTERISTICS CURVE



Y5P TYPICAL TEMPERATURE CHARACTERISTICS CURVE



Part Number Decoder:



Capacitance Decoder:

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.

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.

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



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