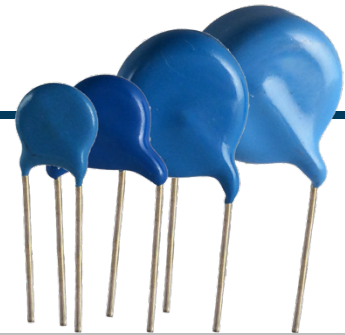




TY2 SERIES (BxN)

3 to 20kV

High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- BxN 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
TY2BxN101M3KV	100	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2BxN151M3KV	150	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2BxN221M3KV	220	20	3	4.5	9.0	12.0	4.5	25.0	7.5	0.6
TY2BxN331M3KV	330	20	3	4.5	10.0	13.0	4.5	25.0	7.5	0.6
TY2BxN471M3KV	470	20	3	4.5	11.0	14.0	4.5	25.0	7.5	0.6
TY2BxN561M3KV	560	20	3	4.5	12.0	15.0	4.5	25.0	7.5	0.6
TY2BxN681M3KV	680	20	3	4.5	13.0	16.0	4.5	25.0	7.5	0.6
TY2BxN821M3KV	820	20	3	4.5	13.0	16.0	4.5	25.0	7.5	0.6
TY2BxN102M3KV	1000	20	3	4.5	15.0	18.0	4.5	25.0	7.5	0.6
TY2BxN152M3KV	1500	20	3	4.5	17.0	20.0	4.5	25.0	7.5	0.6
TY2BxN222M3KV	2200	20	3	4.5	19.0	22.0	4.5	25.0	7.5	0.6
TY2BxN242M3KV	2400	20	3	4.5	20.0	23.0	4.0	25.0	7.5	0.6
TY2BxN272M3KV	2700	20	3	4.5	22.0	25.0	5.0	25.0	7.5	0.7
TY2BxN332M3KV	3300	20	3	4.5	24.0	28.0	5.0	25.0	7.5	0.7
TY2BxN472M3KV	4700	20	3	4.5	27.0	31.0	5.0	25.0	7.5	0.7
TY2BxN101M4KV	100	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2BxN151M4KV	150	20	4	6.0	9.0	12.0	5.0	25.0	10.0	0.6
TY2BxN221M4KV	220	20	4	6.0	10.0	13.0	5.0	25.0	10.0	0.6
TY2BxN331M4KV	330	20	4	6.0	11.0	14.0	5.0	25.0	10.0	0.6
TY2BxN471M4KV	470	20	4	6.0	12.0	15.0	5.0	25.0	10.0	0.6
TY2BxN561M4KV	560	20	4	6.0	13.0	16.0	5.0	25.0	10.0	0.6
TY2BxN681M4KV	680	20	4	6.0	14.0	17.0	5.0	25.0	10.0	0.6
TY2BxN821M4KV	820	20	4	6.0	15.0	18.0	5.0	25.0	10.0	0.6
TY2BxN102M4KV	1000	20	4	6.0	16.0	19.0	5.0	25.0	10.0	0.6
TY2BxN152M4KV	1500	20	4	6.0	19.0	22.0	5.0	25.0	10.0	0.6
TY2BxN222M4KV	2200	20	4	6.0	22.0	25.0	5.5	25.0	10.0	0.7
TY2BxN272M4KV	2700	20	4	6.0	24.0	28.0	5.5	25.0	10.0	0.7
TY2BxN332M4KV	3300	20	4	6.0	26.0	30.0	5.5	25.0	10.0	0.7
TY2BxN101M5KV	100	20	5	7.5	8.0	11.0	5.5	25.0	10.0	0.6
TY2BxN151M5KV	150	20	5	7.5	9.0	12.0	5.5	25.0	10.0	0.6
TY2BxN221M5KV	220	20	5	7.5	10.0	13.0	5.5	25.0	10.0	0.6
TY2BxN331M5KV	330	20	5	7.5	11.0	14.0	5.5	25.0	10.0	0.6
TY2BxN471M5KV	470	20	5	7.5	13.0	16.0	5.5	25.0	10.0	0.6
TY2BxN561M5KV	560	20	5	7.5	14.0	17.0	5.5	25.0	10.0	0.6
TY2BxN681M5KV	680	20	5	7.5	15.0	18.0	5.5	25.0	10.0	0.6
TY2BxN821M5KV	820	20	5	7.5	16.0	19.0	5.5	25.0	10.0	0.6
TY2BxN102M5KV	1000	20	5	7.5	18.0	21.0	5.5	25.0	10.0	0.6
TY2BxN152M5KV	1500	20	5	7.5	20.0	23.0	6.0	25.0	10.0	0.7
TY2BxN222M5KV	2200	20	5	7.5	24.0	28.0	6.0	25.0	10.0	0.7
TY2BxN272M5KV	2700	20	5	7.5	26.0	30.0	6.0	25.0	10.0	0.7



TY2 SERIES (BxN)

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
TY2BxN101M6KV	100	20	6	9.0	8.0	11.0	6.0	25.0	10.0	0.6
TY2BxN151M6KV	150	20	6	9.0	9.0	12.0	6.0	25.0	10.0	0.6
TY2BxN221M6KV	220	20	6	9.0	11.0	14.0	6.0	25.0	10.0	0.6
TY2BxN331M6KV	330	20	6	9.0	12.0	15.0	6.0	25.0	10.0	0.6
TY2BxN471M6KV	470	20	6	9.0	14.0	17.0	6.0	25.0	10.0	0.6
TY2BxN561M6KV	560	20	6	9.0	15.0	18.0	6.0	25.0	10.0	0.6
TY2BxN681M6KV	680	20	6	9.0	16.0	19.0	6.0	25.0	10.0	0.6
TY2BxN821M6KV	820	20	6	9.0	17.0	20.0	6.0	25.0	10.0	0.6
TY2BxN102M6KV	1000	20	6	9.0	20.0	23.0	6.5	25.0	10.0	0.7
TY2BxN152M6KV	1500	20	6	9.0	22.0	25.0	6.5	25.0	10.0	0.7
TY2BxN222M6KV	2200	20	6	9.0	28.0	32.0	6.5	25.0	10.0	0.7
TY2BxN242M6KV	2400	20	6	9.0	27.0	31.0	6.0	25.0	10.0	0.7
TY2BxN101M8KV	100	20	8	12.0	9.0	12.0	7.0	25.0	10.0	0.6
TY2BxN151M8KV	150	20	8	12.0	11.0	14.0	7.0	25.0	10.0	0.6
TY2BxN221M8KV	220	20	8	12.0	12.0	15.0	7.0	25.0	10.0	0.6
TY2BxN331M8KV	330	20	8	12.0	14.0	17.0	7.0	25.0	10.0	0.6
TY2BxN471M8KV	470	20	8	12.0	16.0	19.0	7.0	25.0	10.0	0.6
TY2BxN561M8KV	560	20	8	12.0	17.0	20.0	7.0	25.0	10.0	0.6
TY2BxN681M8KV	680	20	8	12.0	18.0	21.0	7.0	25.0	10.0	0.6
TY2BxN821M8KV	820	20	8	12.0	20.0	23.0	7.0	25.0	10.0	0.6
TY2BxN102M8KV	1000	20	8	12.0	21.0	24.0	7.5	25.0	10.0	0.7
TY2BxN152M8KV	1500	20	8	12.0	25.0	29.0	7.5	25.0	10.0	0.7
TY2BxN101M10KV	100	20	10	15.0	10.0	13.0	8.0	25.0	10.0	0.6
TY2BxN151M10KV	150	20	10	15.0	11.0	14.0	8.0	25.0	10.0	0.6
TY2BxN221M10KV	220	20	10	15.0	13.0	16.0	8.0	25.0	10.0	0.6
TY2BxN331M10KV	330	20	10	15.0	15.0	18.0	8.0	25.0	10.0	0.6
TY2BxN471M10KV	470	20	10	15.0	17.0	20.0	8.0	25.0	10.0	0.6
TY2BxN561M10KV	560	20	10	15.0	18.0	21.0	8.0	25.0	10.0	0.6
TY2BxN681M10KV	680	20	10	15.0	20.0	23.0	8.0	25.0	10.0	0.6
TY2BxN821M10KV	820	20	10	15.0	21.0	24.0	8.0	25.0	10.0	0.6
TY2BxN102M10KV	1000	20	10	15.0	23.0	27.0	8.5	25.0	10.0	0.7
TY2BxN152M10KV	1500	20	10	15.0	28.0	32.0	8.5	25.0	10.0	0.7
TY2BxN101M12KV	100	20	12	18.0	10.0	13.0	9.0	25.0	12.5	0.7
TY2BxN151M12KV	150	20	12	18.0	12.0	15.0	9.0	25.0	12.5	0.7
TY2BxN221M12KV	220	20	12	18.0	14.0	17.0	9.0	25.0	12.5	0.7
TY2BxN331M12KV	330	20	12	18.0	16.0	19.0	9.0	25.0	12.5	0.7
TY2BxN471M12KV	470	20	12	18.0	19.0	22.0	9.0	25.0	12.5	0.7
TY2BxN561M12KV	560	20	12	18.0	20.0	23.0	9.0	25.0	12.5	0.7
TY2BxN681M12KV	680	20	12	18.0	22.0	25.0	9.0	25.0	12.5	0.7
TY2BxN821M12KV	820	20	12	18.0	23.0	27.0	10.0	25.0	12.5	0.7
TY2BxN102M12KV	1000	20	12	18.0	26.0	30.0	10.0	25.0	12.5	0.7
TY2BxN101M15KV	100	20	15	22.5	12.0	15.0	11.0	25.0	12.5	0.7
TY2BxN151M15KV	150	20	15	22.5	14.0	18.0	11.0	25.0	12.5	0.7
TY2BxN221M15KV	220	20	15	22.5	16.0	19.0	11.0	25.0	12.5	0.7
TY2BxN331M15KV	330	20	15	22.5	19.0	22.0	11.0	25.0	12.5	0.7
TY2BxN471M15KV	470	20	15	22.5	21.0	24.0	11.0	25.0	12.5	0.7



TY2 SERIES (BxN)

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
TY2BxN561M15KV	560	20	15	22.5	23.0	26.0	11.0	25.0	12.5	0.7
TY2BXN681M15KV	680	20	15	22.5	25.0	29.0	11.0	25.0	12.5	0.7
TY2BxN821M15KV	820	20	15	22.5	27.0	31.0	11.0	25.0	12.5	0.7
TY2BxN102M15KV	1000	20	15	22.5	30.0	35.0	11.0	25.0	12.5	0.7
TY2BxN101M20KV	100	20	20	30.0	13.0	17.0	13.0	25.0	12.5	0.7
TY2BxN151M20KV	150	20	20	30.0	15.0	19.0	13.0	25.0	12.5	0.7
TY2BxN221M20KV	220	20	20	30.0	17.0	21.0	13.0	25.0	12.5	0.7
TY2BxN331M20KV	330	20	20	30.0	20.0	24.0	13.0	25.0	12.5	0.7
TY2BxN471M20KV	470	20	20	30.0	23.0	27.0	13.0	25.0	12.5	0.7
TY2BxN561M20KV	560	20	20	30.0	25.0	29.0	13.0	25.0	12.5	0.7
TY2BxN681M20KV	680	20	20	30.0	27.0	31.0	13.0	25.0	12.5	0.7
TY2BxN821M20KV	820	20	20	30.0	30.0	34.0	13.0	25.0	12.5	0.7
TY2BxN102M20KV	1000	20	20	30.0	32.0	38.0	13.0	25.0	12.5	0.8

¹Maximum dimension.

²Minimum dimension.

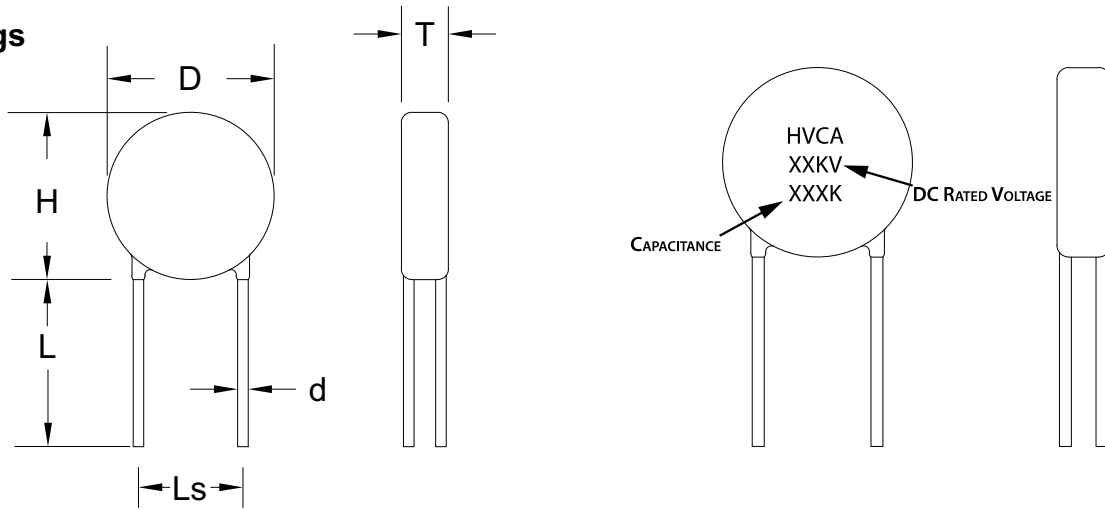
³Ls has a ±1.5mm tolerance.

⁴Typical.

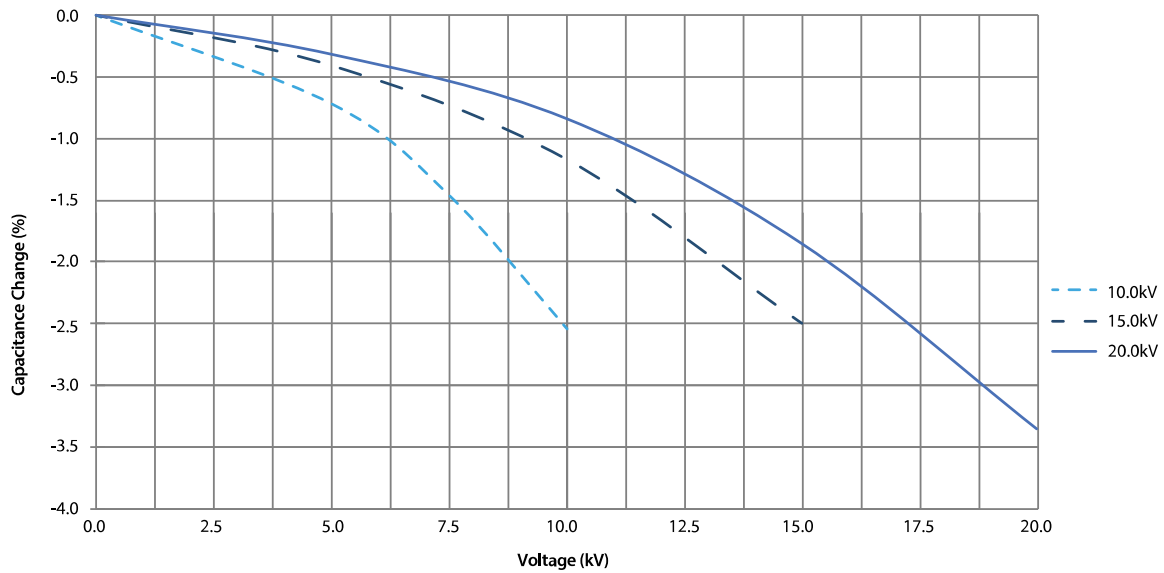


TY2 SERIES (BxN)

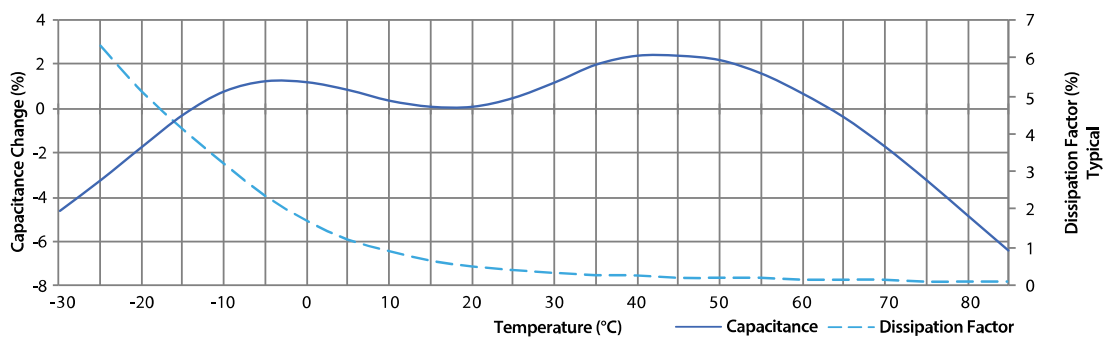
Drawings



BxN TYPICAL VOLTAGE CHARACTERISTICS CURVE



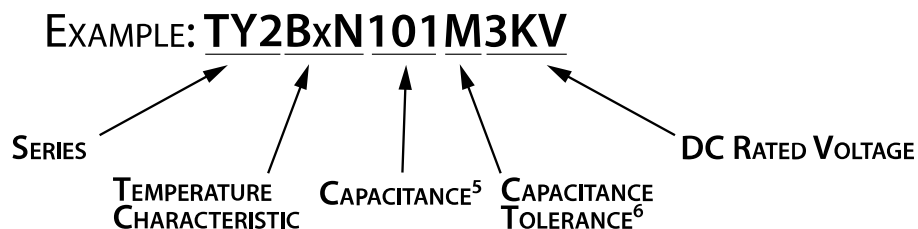
BxN TYPICAL TEMPERATURE AND DISSIPATION CHARACTERISTICS CURVE





TY2 SERIES (BxN)

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

⁶TY2BxN 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	Low

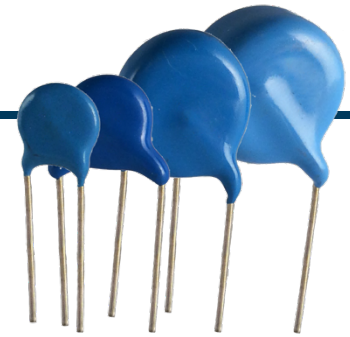
Note: Specifications subject to change without notice. Photo is representation only.



TY2 SERIES (Y5P)

3 to 20kV

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
TY2Y5P101M3KV	100	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5P151M3KV	150	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5P221M3KV	220	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5P331M3KV	330	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5P471M3KV	470	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5P561M3KV	560	20	3	4.5	9.0	12.0	4.5	25.0	7.5	0.6
TY2Y5P681M3KV	680	20	3	4.5	9.0	12.0	4.5	25.0	7.5	0.6
TY2Y5P821M3KV	820	20	3	4.5	10.0	13.0	4.5	25.0	7.5	0.6
TY2Y5P102M3KV	1000	20	3	4.5	10.0	13.0	4.5	25.0	7.5	0.6
TY2Y5P152M3KV	1500	20	3	4.5	12.0	15.0	4.5	25.0	7.5	0.6
TY2Y5P222M3KV	2200	20	3	4.5	13.0	16.0	4.5	25.0	7.5	0.6
TY2Y5P272M3KV	2700	20	3	4.5	15.0	18.0	4.5	25.0	7.5	0.6
TY2Y5P332M3KV	3300	20	3	4.5	16.0	19.0	4.5	25.0	7.5	0.6
TY2Y5P472M3KV	4700	20	3	4.5	21.0	24.0	4.5	25.0	7.5	0.6
TY2Y5P682M3KV	6800	20	3	4.5	22.0	25.0	4.5	25.0	7.5	0.7
TY2Y5P101M4KV	100	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5P151M4KV	150	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5P221M4KV	220	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5P331M4KV	330	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5P471M4KV	470	20	4	6.0	9.0	12.0	5.0	25.0	10.0	0.6
TY2Y5P561M4KV	560	20	4	6.0	9.0	12.0	5.0	25.0	10.0	0.6
TY2Y5P681M4KV	680	20	4	6.0	10.0	13.0	5.0	25.0	10.0	0.6
TY2Y5P821M4KV	820	20	4	6.0	10.0	13.0	5.0	25.0	10.0	0.6
TY2Y5P102M4KV	1000	20	4	6.0	11.0	14.0	5.0	25.0	10.0	0.6
TY2Y5P152M4KV	1500	20	4	6.0	13.0	16.0	5.0	25.0	10.0	0.6
TY2Y5P222M4KV	2200	20	4	6.0	15.0	18.0	5.0	25.0	10.0	0.6
TY2Y5P272M4KV	2700	20	4	6.0	17.0	20.0	5.0	25.0	10.0	0.6
TY2Y5P332M4KV	3300	20	4	6.0	18.0	21.0	5.0	25.0	10.0	0.6
TY2Y5P472M4KV	4700	20	4	6.0	20.0	23.0	5.5	25.0	10.0	0.7
TY2Y5P682M4KV	6800	20	4	6.0	24.0	27.0	5.5	25.0	10.0	0.7
TY2Y5P101M5KV	100	20	5	7.5	8.0	11.0	5.5	25.0	10.0	0.6
TY2Y5P151M5KV	150	20	5	7.5	8.0	11.0	5.5	25.0	10.0	0.6
TY2Y5P221M5KV	220	20	5	7.5	8.0	11.0	5.5	25.0	10.0	0.6
TY2Y5P331M5KV	330	20	5	7.5	9.0	12.0	5.5	25.0	10.0	0.6
TY2Y5P471M5KV	470	20	5	7.5	9.0	12.0	5.5	25.0	10.0	0.6
TY2Y5P561M5KV	560	20	5	7.5	10.0	13.0	5.5	25.0	10.0	0.6
TY2Y5P681M5KV	680	20	5	7.5	10.0	14.0	5.5	25.0	10.0	0.6
TY2Y5P821M5KV	820	20	5	7.5	11.0	15.0	5.5	25.0	10.0	0.6
TY2Y5P102M5KV	1000	20	5	7.5	12.0	18.0	5.5	25.0	10.0	0.6
TY2Y5P152M5KV	1500	20	5	7.5	15.0	20.0	5.5	25.0	10.0	0.6



TY2 SERIES (Y5P)

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
TY2Y5P222M5KV	2200	20	5	7.5	17.0	20.0	5.5	25.0	10.0	0.6
TY2Y5P272M5KV	2700	20	5	7.5	18.0	22.0	5.5	25.0	10.0	0.6
TY2Y5P332M5KV	3300	20	5	7.5	20.0	23.0	6.0	25.0	10.0	0.7
TY2Y5P472M5KV	4700	20	5	7.5	23.0	26.0	6.0	25.0	10.0	0.7
TY2Y5P682M5KV	6800	20	5	7.5	27.0	31.0	6.0	25.0	10.0	0.7
TY2Y5P101M6KV	100	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5P151M6KV	150	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5P221M6KV	220	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5P331M6KV	330	20	6	9.0	9.0	12.0	7.0	25.0	10.0	0.6
TY2Y5P471M6KV	470	20	6	9.0	10.0	13.0	7.0	25.0	10.0	0.6
TY2Y5P561M6KV	560	20	6	9.0	11.0	14.0	7.0	25.0	10.0	0.6
TY2Y5P681M6KV	680	20	6	9.0	12.0	15.0	7.0	25.0	10.0	0.6
TY2Y5P821M6KV	820	20	6	9.0	12.0	15.0	7.0	25.0	10.0	0.6
TY2Y5P102M6KV	1000	20	6	9.0	13.0	16.0	7.0	25.0	10.0	0.6
TY2Y5P152M6KV	1500	20	6	9.0	15.0	18.0	7.0	25.0	10.0	0.6
TY2Y5P222M6KV	2200	20	6	9.0	18.0	22.0	7.0	25.0	10.0	0.6
TY2Y5P272M6KV	2700	20	6	9.0	19.0	23.0	7.0	25.0	10.0	0.6
TY2Y5P332M6KV	3300	20	6	9.0	21.0	25.0	7.5	25.0	10.0	0.7
TY2Y5P472M6KV	4700	20	6	9.0	25.0	29.0	7.5	25.0	10.0	0.7
TY2Y5P101M8KV	100	20	8	12.0	8.0	11.0	7.5	25.0	10.0	0.6
TY2Y5P151M8KV	150	20	8	12.0	8.0	11.0	7.5	25.0	10.0	0.6
TY2Y5P221M8KV	220	20	8	12.0	9.0	12.0	7.5	25.0	10.0	0.6
TY2Y5P331M8KV	330	20	8	12.0	10.0	13.0	7.5	25.0	10.0	0.6
TY2Y5P471M8KV	470	20	8	12.0	11.0	14.0	7.5	25.0	10.0	0.6
TY2Y5P561M8KV	560	20	8	12.0	12.0	15.0	7.5	25.0	10.0	0.6
TY2Y5P681M8KV	680	20	8	12.0	12.0	15.0	7.5	25.0	10.0	0.6
TY2Y5P821M8KV	820	20	8	12.0	13.0	16.0	7.5	25.0	10.0	0.6
TY2Y5P102M8KV	1000	20	8	12.0	14.0	17.0	7.5	25.0	10.0	0.6
TY2Y5P152M8KV	1500	20	8	12.0	17.0	20.0	8.0	25.0	10.0	0.6
TY2Y5P222M8KV	2200	20	8	12.0	19.0	22.0	8.0	25.0	10.0	0.6
TY2Y5P272M8KV	2700	20	8	12.0	21.0	25.0	8.0	25.0	10.0	0.6
TY2Y5P332M8KV	3300	20	8	12.0	23.0	27.0	8.0	25.0	10.0	0.7
TY2Y5P472M8KV	4700	20	8	12.0	27.0	31.0	8.0	25.0	10.0	0.7
TY2Y5P101M10KV	100	20	10	15.0	9.0	12.0	8.0	25.0	10.0	0.6
TY2Y5P151M10KV	150	20	10	15.0	9.0	12.0	8.0	25.0	10.0	0.6
TY2Y5P221M10KV	220	20	10	15.0	9.0	12.0	8.0	25.0	10.0	0.6
TY2Y5P331M10KV	330	20	10	15.0	10.0	13.0	8.0	25.0	10.0	0.6
TY2Y5P471M10KV	470	20	10	15.0	11.0	14.0	8.0	25.0	10.0	0.6
TY2Y5P561M10KV	560	20	10	15.0	12.0	15.0	8.0	25.0	10.0	0.6
TY2Y5P681M10KV	680	20	10	15.0	13.0	16.0	8.0	25.0	10.0	0.6
TY2Y5P821M10KV	820	20	10	15.0	14.0	17.0	8.0	25.0	10.0	0.6
TY2Y5P102M10KV	1000	20	10	15.0	15.0	18.0	8.0	25.0	10.0	0.6
TY2Y5P152M10KV	1500	20	10	15.0	18.0	21.0	8.0	25.0	10.0	0.6
TY2Y5P202M10KV	2000	20	10	15.0	21.0	25.0	7.0	15.0	15.0	0.8
TY2Y5P222M10KV	2200	20	10	15.0	21.0	25.0	8.5	25.0	10.0	0.7
TY2Y5P272M10KV	2700	20	10	15.0	24.0	28.0	8.5	25.0	10.0	0.7



TY2 SERIES (Y5P)

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
TY2Y5P332M10KV	3300	20	10	15.0	26.0	30.0	8.5	25.0	10.0	0.7
TY2Y5P101M12KV	100	20	12	18.0	8.0	12.0	8.5	25.0	12.5	0.7
TY2Y5P151M12KV	150	20	12	18.0	9.0	13.0	8.5	25.0	12.5	0.7
TY2Y5P221M12KV	220	20	12	18.0	10.0	14.0	8.5	25.0	12.5	0.7
TY2Y5P331M12KV	330	20	12	18.0	11.0	15.0	8.5	25.0	12.5	0.7
TY2Y5P471M12KV	470	20	12	18.0	12.0	16.0	8.5	25.0	12.5	0.7
TY2Y5P561M12KV	560	20	12	18.0	13.0	17.0	8.5	25.0	12.5	0.7
TY2Y5P681M12KV	680	20	12	18.0	14.0	18.0	8.5	25.0	12.5	0.7
TY2Y5P821M12KV	820	20	12	18.0	15.0	19.0	8.5	25.0	12.5	0.7
TY2Y5P102M12KV	1000	20	12	18.0	17.0	21.0	8.5	25.0	12.5	0.7
TY2Y5P152M12KV	1500	20	12	18.0	20.0	24.0	9.0	25.0	12.5	0.7
TY2Y5P222M12KV	2200	20	12	18.0	23.0	27.0	9.0	25.0	12.5	0.7
TY2Y5P272M12KV	2700	20	12	18.0	25.0	29.0	9.0	25.0	12.5	0.7
TY2Y5P332M12KV	3300	20	12	18.0	28.0	32.0	9.0	25.0	12.5	0.7
TY2Y5P101M15KV	100	20	15	22.5	8.0	12.0	9.0	25.0	12.5	0.7
TY2Y5P151M15KV	150	20	15	22.5	9.0	13.0	9.0	25.0	12.5	0.7
TY2Y5P221M15KV	220	20	15	22.5	11.0	15.0	9.0	25.0	12.5	0.7
TY2Y5P331M15KV	330	20	15	22.5	12.0	16.0	9.0	25.0	12.5	0.7
TY2Y5P471M15KV	470	20	15	22.5	13.0	17.0	9.0	25.0	12.5	0.7
TY2Y5P561M15KV	560	20	15	22.5	14.0	18.0	9.0	25.0	12.5	0.7
TY2Y5P681M15KV	680	20	15	22.5	15.0	19.0	9.0	25.0	12.5	0.7
TY2Y5P821M15KV	820	20	15	22.5	17.0	21.0	9.0	25.0	12.5	0.7
TY2Y5P102M15KV	1000	20	15	22.5	18.5	21.5	9.0	25.0	12.5	0.7
TY2Y5P152M15KV	1500	20	15	22.5	21.0	25.0	10.0	25.0	12.5	0.7
TY2Y5P222M15KV	2200	20	15	22.5	24.0	28.0	10.0	25.0	12.5	0.7
TY2Y5P272M15KV	2700	20	15	22.5	28.0	32.0	10.0	25.0	12.5	0.7
TY2Y5P101M20KV	100	20	20	30.0	9.0	13.0	11.0	25.0	12.5	0.7
TY2Y5P151M20KV	150	20	20	30.0	10.0	14.0	11.0	25.0	12.5	0.7
TY2Y5P221M20KV	220	20	20	30.0	12.0	16.0	11.0	25.0	12.5	0.7
TY2Y5P331M20KV	330	20	20	30.0	14.0	18.0	11.0	25.0	12.5	0.7
TY2Y5P471M20KV	470	20	20	30.0	15.0	19.0	11.0	25.0	12.5	0.7
TY2Y5P561M20KV	560	20	20	30.0	16.0	20.0	11.0	25.0	12.5	0.7
TY2Y5P681M20KV	680	20	20	30.0	18.0	22.0	11.0	25.0	12.5	0.7
TY2Y5P821M20KV	820	20	20	30.0	19.0	23.0	11.0	25.0	12.5	0.7
TY2Y5P102M20KV	1000	20	20	30.0	20.0	24.0	12.0	25.0	12.5	0.8
TY2Y5P152M20KV	1500	20	20	30.0	25.0	29.0	12.0	25.0	12.5	0.8

¹Maximum dimension.

²Minimum dimension.

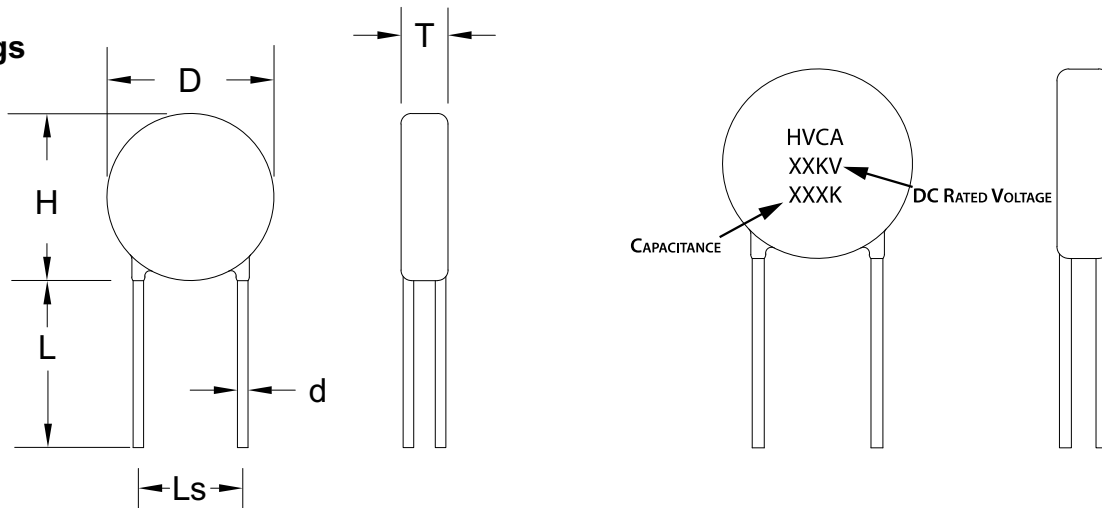
³LS has a ±1.5mm tolerance.

⁴Typical.

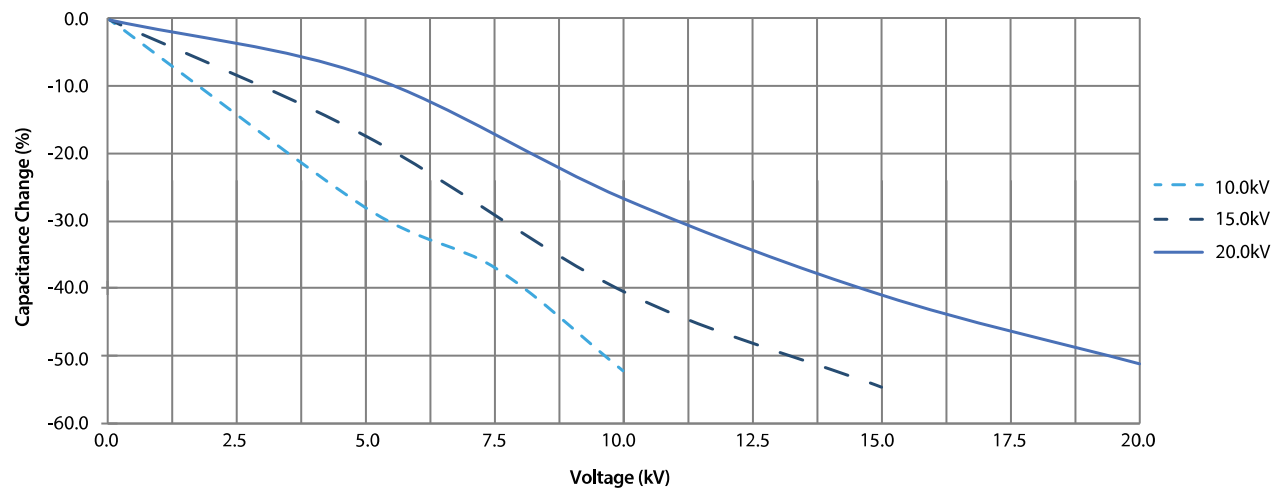


TY2 SERIES (Y5P)

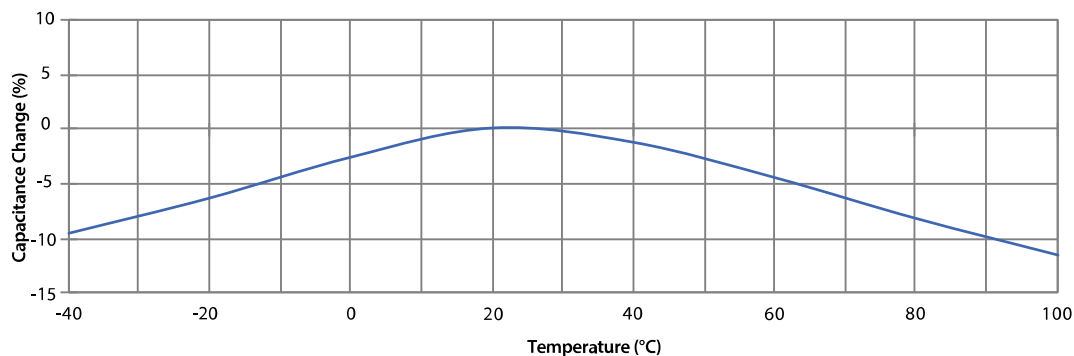
Drawings



Y5P TYPICAL VOLTAGE CHARACTERISTICS CURVE



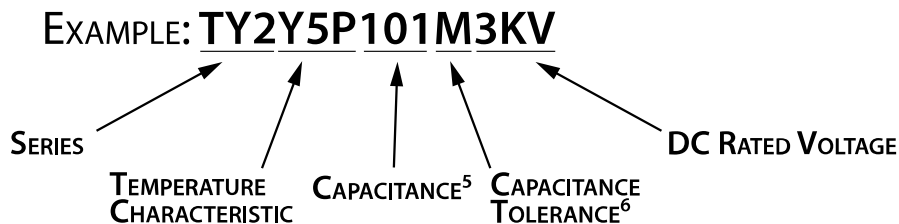
Y5P TYPICAL TEMPERATURE CHARACTERISTICS CURVE





TY2 SERIES (Y5P)

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

⁶TY2Y5P 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

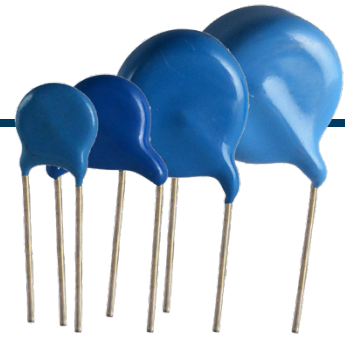
Note: Specifications subject to change without notice. Photo is representation only.



TY2 SERIES (Y5U)

3 to 20kV

High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- Y5U 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
TY2Y5U331M3KV	330	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U471M3KV	470	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U561M3KV	560	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U681M3KV	680	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U821M3KV	820	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U102M3KV	1000	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5U152M3KV	1500	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5U222M3KV	2200	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5U272M3KV	2700	20	3	4.5	9.0	12.0	4.5	25.0	7.5	0.6
TY2Y5U332M3KV	3300	20	3	4.5	10.0	13.0	4.5	25.0	7.5	0.6
TY2Y5U472M3KV	4700	20	3	4.5	12.0	15.0	4.5	25.0	7.5	0.6
TY2Y5U682M3KV	6800	20	3	4.5	13.0	16.0	4.5	25.0	7.5	0.6
TY2Y5U822M3KV	8200	20	3	4.5	15.0	18.0	4.5	25.0	7.5	0.6
TY2Y5U103M3KV	10000	20	3	4.5	16.0	19.0	4.5	25.0	7.5	0.6
TY2Y5U331M4KV	330	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U471M4KV	470	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U561M4KV	560	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U681M4KV	680	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U821M4KV	820	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U102M4KV	1000	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5U152M4KV	1500	20	4	6.0	9.0	12.0	5.0	25.0	10.0	0.6
TY2Y5U222M4KV	2200	20	4	6.0	11.0	14.0	5.0	25.0	10.0	0.6
TY2Y5U272M4KV	2700	20	4	6.0	12.0	15.0	5.0	25.0	10.0	0.6
TY2Y5U332M4KV	3300	20	4	6.0	13.0	16.0	5.0	25.0	10.0	0.6
TY2Y5U472M4KV	4700	20	4	6.0	15.0	18.0	5.0	25.0	10.0	0.6
TY2Y5U682M4KV	6800	20	4	6.0	16.0	19.0	5.0	25.0	10.0	0.6
TY2Y5U822M4KV	8200	20	4	6.0	18.0	21.0	5.0	25.0	10.0	0.6
TY2Y5U103M4KV	10000	20	4	6.0	19.0	22.0	5.0	25.0	10.0	0.6
TY2Y5U331M5KV	330	20	5	7.5	8.0	11.0	6.0	25.0	10.0	0.6
TY2Y5U471M5KV	470	20	5	7.5	8.0	11.0	6.0	25.0	10.0	0.6
TY2Y5U561M5KV	560	20	5	7.5	8.0	11.0	6.0	25.0	10.0	0.6
TY2Y5U681M5KV	680	20	5	7.5	8.0	11.0	6.0	25.0	10.0	0.6
TY2Y5U821M5KV	820	20	5	7.5	9.0	12.0	6.0	25.0	10.0	0.6
TY2Y5U102M5KV	1000	20	5	7.5	9.0	12.0	6.0	25.0	10.0	0.6
TY2Y5U152M5KV	1500	20	5	7.5	10.0	13.0	6.0	25.0	10.0	0.6
TY2Y5U222M5KV	2200	20	5	7.5	12.0	15.0	6.0	25.0	10.0	0.6
TY2Y5U272M5KV	2700	20	5	7.5	13.0	16.0	6.0	25.0	10.0	0.6
TY2Y5U332M5KV	3300	20	5	7.5	14.0	17.0	6.0	25.0	10.0	0.6
TY2Y5U472M5KV	4700	20	5	7.5	15.0	18.0	6.0	25.0	10.0	0.6
TY2Y5U682M5KV	6800	20	5	7.5	18.0	21.0	6.0	25.0	10.0	0.6



TY2 SERIES (Y5U)

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
TY2Y5U822M5KV	8200	20	5	7.5	19.0	22.0	6.0	25.0	10.0	0.6
TY2Y5U103M5KV	10000	20	5	7.5	21.0	24.0	6.0	25.0	10.0	0.6
TY2Y5U331M6KV	330	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5U471M6KV	470	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5U561M6KV	560	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5U681M6KV	680	20	6	9.0	9.0	12.0	7.0	25.0	10.0	0.6
TY2Y5U821M6KV	820	20	6	9.0	10.0	13.0	7.0	25.0	10.0	0.6
TY2Y5U102M6KV	1000	20	6	9.0	10.0	13.0	7.0	25.0	10.0	0.6
TY2Y5U152M6KV	1500	20	6	9.0	11.0	14.0	7.0	25.0	10.0	0.6
TY2Y5U222M6KV	2200	20	6	9.0	12.0	15.0	7.0	25.0	10.0	0.6
TY2Y5U272M6KV	2700	20	6	9.0	13.0	16.0	7.0	25.0	10.0	0.6
TY2Y5U332M6KV	3300	20	6	9.0	15.0	18.0	7.0	25.0	10.0	0.6
TY2Y5U472M6KV	4700	20	6	9.0	17.0	20.0	7.0	25.0	10.0	0.6
TY2Y5U682M6KV	6800	20	6	9.0	20.0	23.0	7.5	25.0	10.0	0.7
TY2Y5U822M6KV	8200	20	6	9.0	21.0	24.0	7.5	25.0	10.0	0.7
TY2Y5U103M6KV	10000	20	6	9.0	23.0	27.0	7.5	25.0	10.0	0.7
TY2Y5U331M8KV	330	20	8	12.0	9.0	12.0	7.5	25.0	10.0	0.6
TY2Y5U471M8KV	470	20	8	12.0	9.0	12.0	7.5	25.0	10.0	0.6
TY2Y5U561M8KV	560	20	8	12.0	9.0	12.0	7.5	25.0	10.0	0.6
TY2Y5U681M8KV	680	20	8	12.0	10.0	13.0	7.5	25.0	10.0	0.6
TY2Y5U821M8KV	820	20	8	12.0	10.0	13.0	7.5	25.0	10.0	0.6
TY2Y5U102M8KV	1000	20	8	12.0	10.0	13.0	7.5	25.0	10.0	0.6
TY2Y5U152M8KV	1500	20	8	12.0	11.0	14.0	7.5	25.0	10.0	0.6
TY2Y5U222M8KV	2200	20	8	12.0	14.0	17.0	7.5	25.0	10.0	0.6
TY2Y5U272M8KV	2700	20	8	12.0	16.0	19.0	7.5	25.0	10.0	0.6
TY2Y5U332M8KV	3300	20	8	12.0	17.0	20.0	7.5	25.0	10.0	0.6
TY2Y5U472M8KV	4700	20	8	12.0	19.0	22.0	7.5	25.0	10.0	0.6
TY2Y5U682M8KV	6800	20	8	12.0	23.0	27.0	8.0	25.0	10.0	0.7
TY2Y5U822M8KV	8200	20	8	12.0	25.0	29.0	8.0	25.0	10.0	0.7
TY2Y5U103M8KV	10000	20	8	12.0	27.0	31.0	8.0	25.0	10.0	0.7
TY2Y5U331M10KV	330	20	10	15.0	8.0	11.0	8.0	25.0	10.0	0.6
TY2Y5U471M10KV	470	20	10	15.0	9.0	12.0	8.0	25.0	10.0	0.6
TY2Y5U561M10KV	560	20	10	15.0	9.0	12.0	8.0	25.0	10.0	0.6
TY2Y5U681M10KV	680	20	10	15.0	10.0	13.0	8.0	25.0	10.0	0.6
TY2Y5U821M10KV	820	20	10	15.0	11.0	14.0	8.0	25.0	10.0	0.6
TY2Y5U102M10KV	1000	20	10	15.0	12.0	15.0	8.0	25.0	10.0	0.7
TY2Y5U152M10KV	1500	20	10	15.0	14.0	17.0	8.0	25.0	10.0	0.7
TY2Y5U222M10KV	2200	20	10	15.0	17.0	20.0	8.0	25.0	10.0	0.7
TY2Y5U272M10KV	2700	20	10	15.0	18.0	21.0	8.0	25.0	10.0	0.7
TY2Y5U332M10KV	3300	20	10	15.0	19.0	22.0	8.0	25.0	10.0	0.7
TY2Y5U472M10KV	4700	20	10	15.0	22.0	26.0	8.0	25.0	10.0	0.7
TY2Y5U682M10KV	6800	20	10	15.0	26.0	30.0	8.5	25.0	10.0	0.7
TY2Y5U822M10KV	8200	20	10	15.0	29.0	32.0	8.5	25.0	10.0	0.7
TY2Y5U331M12KV	330	20	12	18.0	9.0	12.0	9.0	25.0	12.5	0.7
TY2Y5U471M12KV	470	20	12	18.0	10.0	13.0	9.0	25.0	12.5	0.7



TY2 SERIES (Y5U)

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
TY2Y5U561M12KV	560	20	12	18.0	10.0	13.0	9.0	25.0	12.5	0.7
TY2Y5U681M12KV	680	20	12	18.0	11.0	14.0	9.0	25.0	12.5	0.7
TY2Y5U821M12KV	820	20	12	18.0	11.0	14.0	9.0	25.0	12.5	0.7
TY2Y5U102M12KV	1000	20	12	18.0	12.0	15.0	9.0	25.0	12.5	0.7
TY2Y5U152M12KV	1500	20	12	18.0	13.0	17.0	9.0	25.0	12.5	0.7
TY2Y5U222M12KV	2200	20	12	18.0	17.0	18.0	9.0	25.0	12.5	0.7
TY2Y5U272M12KV	2700	20	12	18.0	18.0	20.0	9.0	25.0	12.5	0.7
TY2Y5U332M12KV	3300	20	12	18.0	20.0	21.0	9.0	25.0	12.5	0.7
TY2Y5U472M12KV	4700	20	12	18.0	23.0	23.0	9.0	25.0	12.5	0.7
TY2Y5U682M12KV	6800	20	12	18.0	27.0	27.0	9.0	25.0	12.5	0.7
TY2Y5U822M12KV	8200	20	12	18.0	30.0	30.0	9.0	25.0	12.5	0.7
TY2Y5U331M15KV	330	20	15	22.5	9.0	12.0	10.0	25.0	12.5	0.7
TY2Y5U471M15KV	470	20	15	22.5	10.0	13.0	10.0	25.0	12.5	0.7
TY2Y5U561M15KV	560	20	15	22.5	11.0	14.0	10.0	25.0	12.5	0.7
TY2Y5U681M15KV	680	20	15	22.5	11.0	15.0	10.0	25.0	12.5	0.7
TY2Y5U821M15KV	820	20	15	22.5	12.0	16.0	10.0	25.0	12.5	0.7
TY2Y5U102M15KV	1000	20	15	22.5	12.0	16.0	10.0	25.0	12.5	0.7
TY2Y5U152M15KV	1500	20	15	22.5	16.0	20.0	10.0	25.0	12.5	0.7
TY2Y5U222M15KV	2200	20	15	22.5	18.0	22.0	10.0	25.0	12.5	0.7
TY2Y5U272M15KV	2700	20	15	22.5	20.0	24.0	10.0	25.0	12.5	0.7
TY2Y5U332M15KV	3300	20	15	22.5	21.0	25.0	10.0	25.0	12.5	0.7
TY2Y5U472M15KV	4700	20	15	22.5	25.0	29.0	10.0	25.0	12.5	0.7
TY2Y5U682M15KV	6800	20	15	22.5	30.0	34.0	10.0	25.0	12.5	0.7
TY2Y5U331M20KV	330	20	20	30.0	11.0	15.0	11.0	25.0	12.5	0.7
TY2Y5U471M20KV	470	20	20	30.0	12.0	16.0	11.0	25.0	12.5	0.7
TY2Y5U561M20KV	560	20	20	30.0	13.0	17.0	11.0	25.0	12.5	0.7
TY2Y5U681M20KV	680	20	20	30.0	14.0	18.0	11.0	25.0	12.5	0.7
TY2Y5U821M20KV	820	20	20	30.0	15.0	19.0	11.0	25.0	12.5	0.7
TY2Y5U102M20KV	1000	20	20	30.0	16.0	20.0	11.0	25.0	12.5	0.7
TY2Y5U152M20KV	1500	20	20	30.0	19.0	22.0	11.0	25.0	12.5	0.7
TY2Y5U222M20KV	2200	20	20	30.0	21.0	25.0	11.0	25.0	12.5	0.7
TY2Y5U272M20KV	2700	20	20	30.0	23.0	27.0	11.0	25.0	12.5	0.7
TY2Y5U332M20KV	3300	20	20	30.0	25.0	29.0	11.0	25.0	12.5	0.7
TY2Y5U472M20KV	4700	20	20	30.0	30.0	34.0	11.0	25.0	12.5	0.7

¹Maximum dimension.

²Minimum dimension.

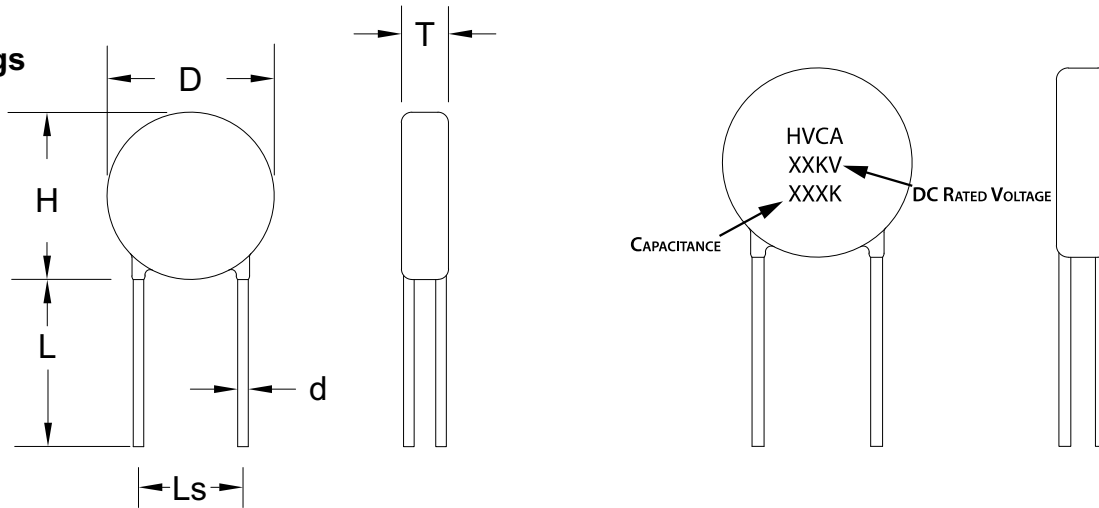
³Ls has a ±1.5mm tolerance.

⁴Typical.

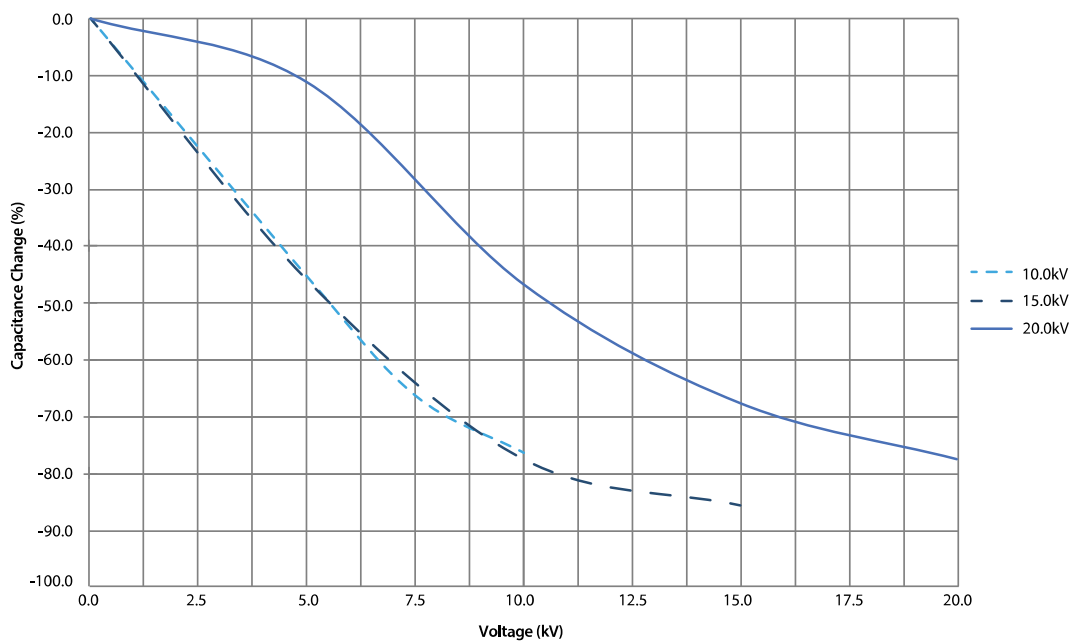


TY2 SERIES (Y5U)

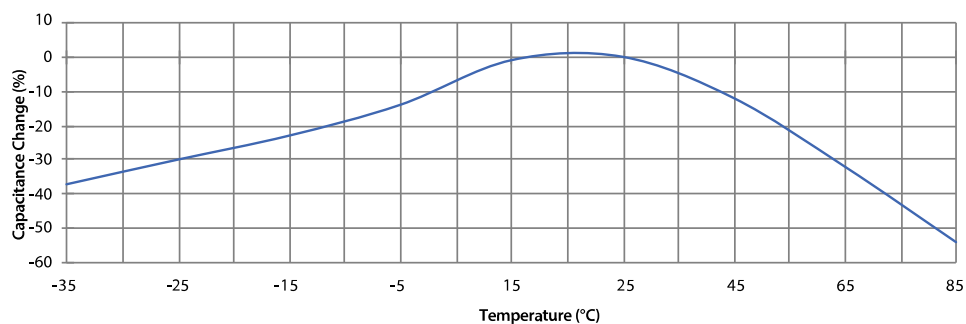
Drawings



Y5U TYPICAL VOLTAGE CHARACTERISTICS CURVE



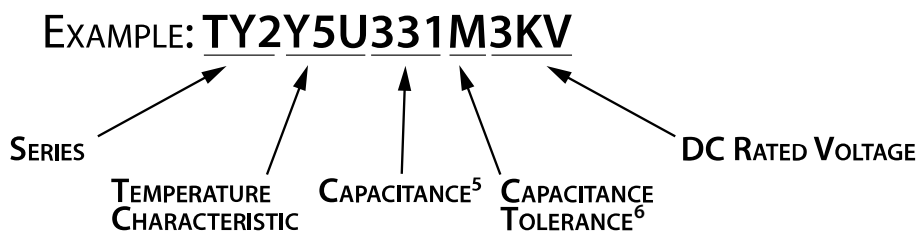
Y5U TYPICAL TEMPERATURE CHARACTERISTICS CURVE





TY2 SERIES (Y5U)

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

⁶TY2Y5U 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

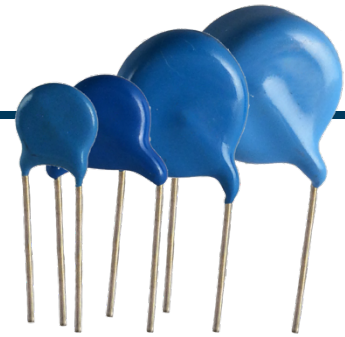
Note: Specifications subject to change without notice. Photo is representation only.



TY2 SERIES (Y5V)

3 to 15kV

High Voltage Ceramic Capacitors



Features

- Radial Leaded Package
- Y5V 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
TY2Y5V102M3KV	1000	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5V152M3KV	1500	20	3	4.5	7.0	10.0	4.5	25.0	7.5	0.6
TY2Y5V222M3KV	2200	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5V272M3KV	2700	20	3	4.5	8.0	11.0	4.5	25.0	7.5	0.6
TY2Y5V332M3KV	3300	20	3	4.5	9.0	12.0	4.5	25.0	7.5	0.6
TY2Y5V472M3KV	4700	20	3	4.5	10.0	13.0	4.5	25.0	7.5	0.6
TY2Y5V682M3KV	6800	20	3	4.5	11.0	14.0	4.5	25.0	7.5	0.6
TY2Y5V822M3KV	8200	20	3	4.5	12.0	15.0	4.5	25.0	7.5	0.6
TY2Y5V103M3KV	10000	20	3	4.5	14.0	17.0	4.5	25.0	7.5	0.6
TY2Y5V102M4KV	1000	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5V152M4KV	1500	20	4	6.0	8.0	11.0	5.0	25.0	10.0	0.6
TY2Y5V222M4KV	2200	20	4	6.0	9.0	12.0	5.0	25.0	10.0	0.6
TY2Y5V272M4KV	2700	20	4	6.0	10.0	13.0	5.0	25.0	10.0	0.6
TY2Y5V332M4KV	3300	20	4	6.0	11.0	14.0	5.0	25.0	10.0	0.6
TY2Y5V472M4KV	4700	20	4	6.0	12.0	15.0	5.0	25.0	10.0	0.6
TY2Y5V682M4KV	6800	20	4	6.0	13.0	16.0	5.0	25.0	10.0	0.6
TY2Y5V822M4KV	8200	20	4	6.0	15.0	18.0	5.0	25.0	10.0	0.6
TY2Y5V103M4KV	10000	20	4	6.0	17.0	20.0	5.0	25.0	10.0	0.6
TY2Y5V102M5KV	1000	20	5	7.5	8.0	11.0	6.0	25.0	10.0	0.6
TY2Y5V152M5KV	1500	20	5	7.5	9.0	12.0	6.0	25.0	10.0	0.6
TY2Y5V222M5KV	2200	20	5	7.5	10.0	13.0	6.0	25.0	10.0	0.6
TY2Y5V272M5KV	2700	20	5	7.5	11.0	14.0	6.0	25.0	10.0	0.6
TY2Y5V332M5KV	3300	20	5	7.5	12.0	15.0	6.0	25.0	10.0	0.6
TY2Y5V472M5KV	4700	20	5	7.5	13.0	16.0	6.0	25.0	10.0	0.6
TY2Y5V682M5KV	6800	20	5	7.5	15.0	18.0	6.0	25.0	10.0	0.6
TY2Y5V822M5KV	8200	20	5	7.5	16.0	19.0	6.0	25.0	10.0	0.6
TY2Y5V103M5KV	10000	20	5	7.5	17.0	20.0	6.0	25.0	10.0	0.6
TY2Y5V102M6KV	1000	20	6	9.0	8.0	11.0	7.0	25.0	10.0	0.6
TY2Y5V152M6KV	1500	20	6	9.0	9.0	12.0	7.0	25.0	10.0	0.6
TY2Y5V222M6KV	2200	20	6	9.0	11.0	14.0	7.0	25.0	10.0	0.6
TY2Y5V272M6KV	2700	20	6	9.0	12.0	15.0	7.0	25.0	10.0	0.6
TY2Y5V332M6KV	3300	20	6	9.0	13.0	16.0	7.0	25.0	10.0	0.6
TY2Y5V472M6KV	4700	20	6	9.0	14.0	17.0	7.0	25.0	10.0	0.6
TY2Y5V682M6KV	6800	20	6	9.0	16.0	19.0	7.0	25.0	10.0	0.6
TY2Y5V822M6KV	8200	20	6	9.0	17.0	20.0	7.0	25.0	10.0	0.6
TY2Y5V103M6KV	10000	20	6	9.0	19.0	22.0	7.0	25.0	10.0	0.6
TY2Y5V102M8KV	1000	20	8	12.0	9.0	12.0	7.5	25.0	10.0	0.6
TY2Y5V152M8KV	1500	20	8	12.0	10.0	13.0	7.5	25.0	10.0	0.6
TY2Y5V222M8KV	2200	20	8	12.0	12.0	15.0	7.5	25.0	10.0	0.6
TY2Y5V272M8KV	2700	20	8	12.0	13.0	16.0	7.5	25.0	10.0	0.6



TY2 SERIES (Y5V)

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
TY2Y5V332M8KV	3300	20	8	12.0	13.0	16.0	7.5	25.0	10.0	0.6
TY2Y5V472M8KV	4700	20	8	12.0	15.0	18.0	7.5	25.0	10.0	0.6
TY2Y5V682M8KV	6800	20	8	12.0	17.0	20.0	7.5	25.0	10.0	0.6
TY2Y5V822M8KV	8200	20	8	12.0	19.0	22.0	7.5	25.0	10.0	0.6
TY2Y5V103M8KV	10000	20	8	12.0	21.0	24.0	8.0	25.0	10.0	0.6
TY2Y5V102M10KV	1000	20	10	15.0	10.0	13.0	8.0	25.0	10.0	0.6
TY2Y5V152M10KV	1500	20	10	15.0	11.0	14.0	8.0	25.0	10.0	0.6
TY2Y5V222M10KV	2200	20	10	15.0	12.0	15.0	8.0	25.0	10.0	0.6
TY2Y5V272M10KV	2700	20	10	15.0	13.0	16.0	8.0	25.0	10.0	0.6
TY2Y5V332M10KV	3300	20	10	15.0	15.0	18.0	8.0	25.0	10.0	0.6
TY2Y5V472M10KV	4700	20	10	15.0	17.0	20.0	8.0	25.0	10.0	0.6
TY2Y5V682M10KV	6800	20	10	15.0	19.0	22.0	8.0	25.0	10.0	0.6
TY2Y5V822M10KV	8200	20	10	15.0	21.0	24.0	8.5	25.0	10.0	0.7
TY2Y5V103M10KV	10000	20	10	15.0	23.0	27.0	8.5	25.0	10.0	0.7
TY2Y5V102M12KV	1000	20	12	18.0	10.0	13.0	9.0	25.0	12.5	0.7
TY2Y5V152M12KV	1500	20	12	18.0	11.0	14.0	9.0	25.0	12.5	0.7
TY2Y5V222M12KV	2200	20	12	18.0	13.0	16.0	9.0	25.0	12.5	0.7
TY2Y5V272M12KV	2700	20	12	18.0	14.0	17.0	9.0	25.0	12.5	0.7
TY2Y5V332M12KV	3300	20	12	18.0	16.0	19.0	9.0	25.0	12.5	0.7
TY2Y5V472M12KV	4700	20	12	18.0	18.0	21.0	9.0	25.0	12.5	0.7
TY2Y5V682M12KV	6800	20	12	18.0	20.0	23.0	9.0	25.0	12.5	0.7
TY2Y5V822M12KV	8200	20	12	18.0	22.0	25.0	9.0	25.0	12.5	0.7
TY2Y5V103M12KV	10000	20	12	18.0	24.0	28.0	9.0	25.0	12.5	0.7
TY2Y5V102M15KV	1000	20	15	22.5	11.0	15.0	10.0	25.0	12.5	0.7
TY2Y5V152M15KV	1500	20	15	22.5	12.0	16.0	10.0	25.0	12.5	0.7
TY2Y5V222M15KV	2200	20	15	22.5	14.0	18.0	10.0	25.0	12.5	0.7
TY2Y5V272M15KV	2700	20	15	22.5	15.0	19.0	10.0	25.0	12.5	0.7
TY2Y5V332M15KV	3300	20	15	22.5	16.0	20.0	10.0	25.0	12.5	0.7
TY2Y5V472M15KV	4700	20	15	22.5	19.0	23.0	10.0	25.0	12.5	0.7
TY2Y5V682M15KV	6800	20	15	22.5	21.0	25.0	10.0	25.0	12.5	0.7
TY2Y5V822M15KV	8200	20	15	22.5	23.0	27.0	10.0	25.0	12.5	0.7
TY2Y5V103M15KV	10000	20	15	22.5	25.0	29.0	10.0	25.0	12.5	0.7

¹Maximum dimension.

²Minimum dimension.

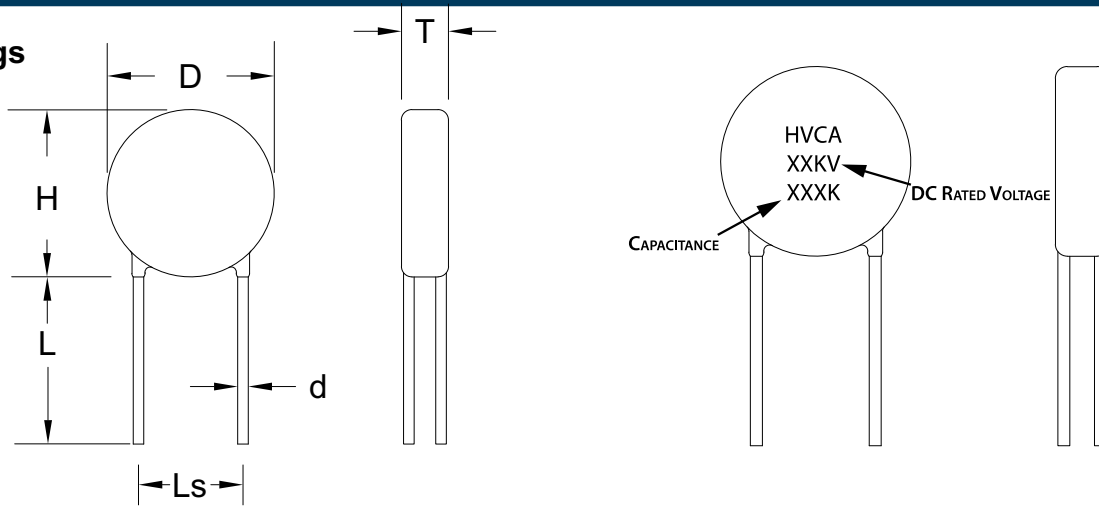
³Ls has a ±1.5mm tolerance.

⁴Typical.

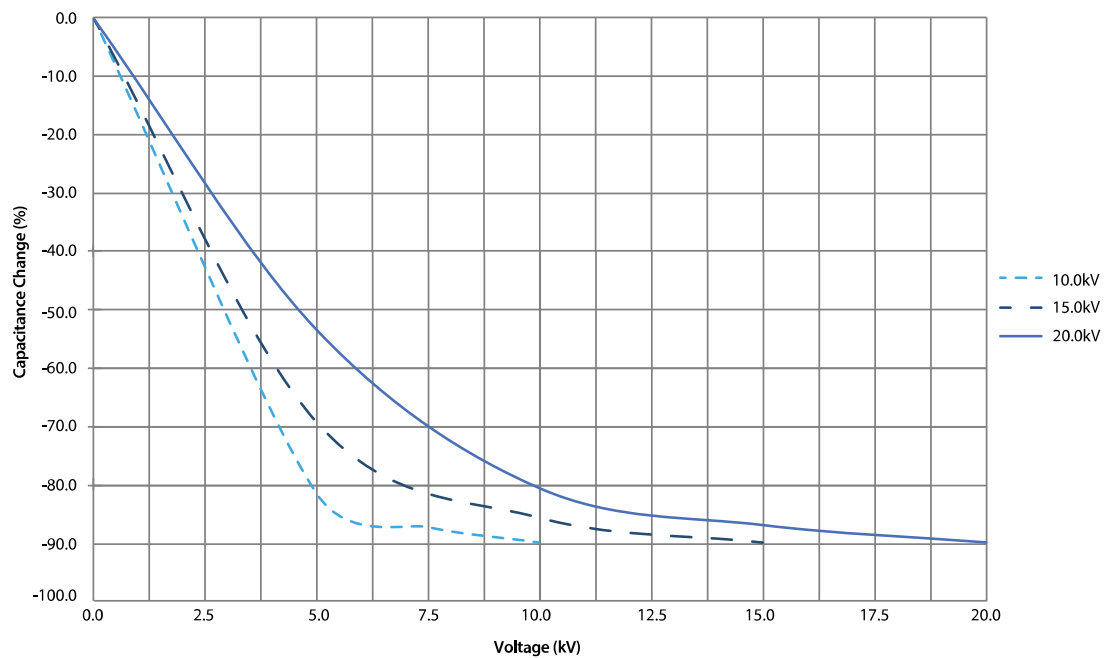


TY2 SERIES (Y5V)

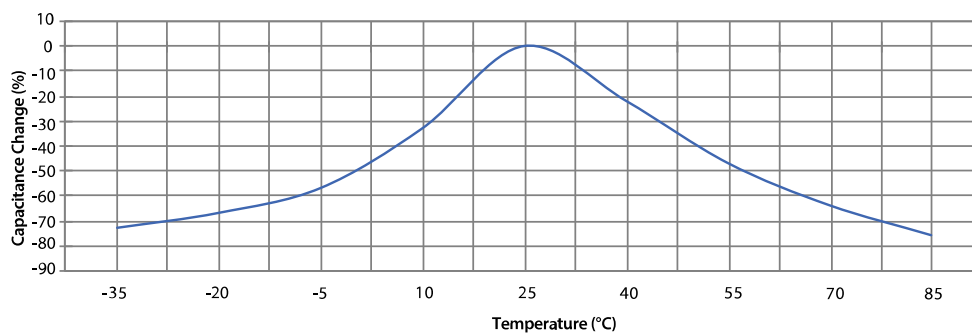
Drawings



Y5V TYPICAL VOLTAGE CHARACTERISTICS CURVE



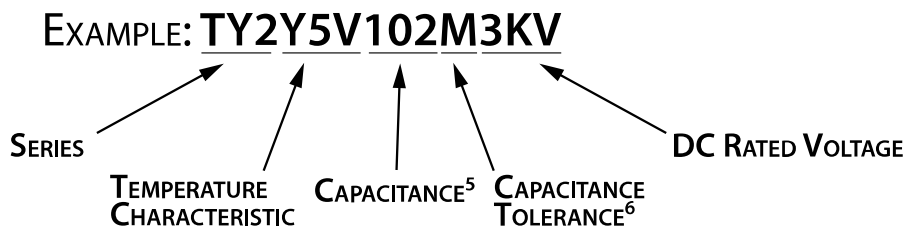
Y5V TYPICAL TEMPERATURE CHARACTERISTICS CURVE





TY2 SERIES (Y5V)

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

⁶TY2Y5V 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	5% Max

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