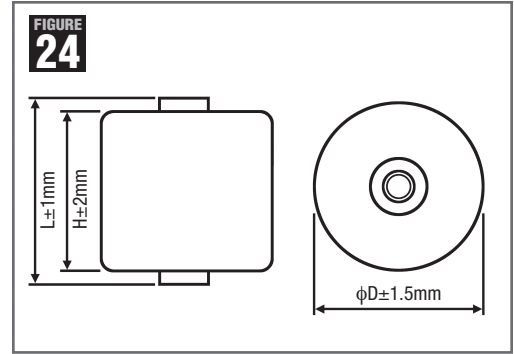


**FEATURES**

- Compact size with low dissipation factor
- Low voltage coefficient
- Epoxy encapsulated internal screw thread design
- Up to 50kV DC working voltage

**APPLICATIONS**

- Lasers
- HV power supplies
- Electrostatic coating and spray equipment
- Lightning arresters, voltage distribution systems
- Electron Microscopes and synchroscopes



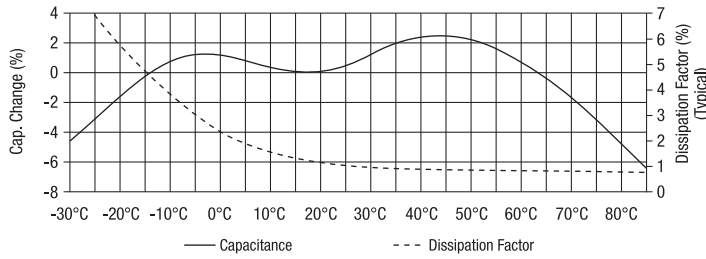
Part Number	Capacitance Value pF	Capacitance Tolerance %	Dielectric Material	Rated Voltage V	Dielectric Withstand Voltage V	Capacitor Dimensions			Terminal Dimensions mm
						D mm	L mm	H mm	
<b>NX5 Series - T3M/N4700 Class I Dielectric</b>						<b>Figure 24</b>			
NX5T3M561K10KV	560	±10	T3M/N4700	10000	15000	20	16	12	M4×4
NX5T3M122K10KV	1200	±10	T3M/N4700	10000	15000	24	16	12	M4×4
NX5T3M282K10KV	2800	±10	T3M/N4700	10000	15000	38	16	12	M4×4
NX5T3M502K10KV	5000	±10	T3M/N4700	10000	15000	52	16	12	M5×4
NX5T3M802K10KV	8000	±10	T3M/N4700	10000	15000	58	16	12	M5×4
NX5T3M371K15KV	370	±10	T3M/N4700	15000	22500	20	18	14	M4×4
NX5T3M112K15KV	1100	±10	T3M/N4700	15000	22500	30	18	14	M4×4
NX5T3M192K15KV	1900	±10	T3M/N4700	15000	22500	38	18	14	M4×4
NX5T3M342K15KV	3400	±10	T3M/N4700	15000	22500	52	18	14	M5×4
NX5T3M532K15KV	5300	±10	T3M/N4700	15000	22500	58	18	14	M5×4
NX5T3M281K20KV	280	±10	T3M/N4700	20000	30000	20	24	20	M4×5
NX5T3M881K20KV	880	±10	T3M/N4700	20000	30000	30	24	20	M4×5
NX5T3M142K20KV	1400	±10	T3M/N4700	20000	30000	38	24	20	M4×5
NX5T3M252K20KV	2500	±10	T3M/N4700	20000	30000	52	24	20	M5×5
NX5T3M402K20KV	4000	±10	T3M/N4700	20000	30000	58	24	20	M5×5
NX5T3M191K30KV	190	±10	T3M/N4700	30000	45000	20	28	24	M4×5
NX5T3M591K30KV	590	±10	T3M/N4700	30000	45000	30	28	24	M4×5
NX5T3M941K30KV	940	±10	T3M/N4700	30000	45000	38	28	24	M4×5
NX5T3M172K30KV	1700	±10	T3M/N4700	30000	45000	52	28	24	M5×5
NX5T3M272K30KV	2700	±10	T3M/N4700	30000	45000	58	28	24	M5×5
NX5T3M141K40KV	140	±10	T3M/N4700	40000	60000	20	36	32	M4×6
NX5T3M441K40KV	440	±10	T3M/N4700	40000	60000	30	36	32	M4×6
NX5T3M701K40KV	700	±10	T3M/N4700	40000	60000	38	36	32	M4×6
NX5T3M132K40KV	1300	±10	T3M/N4700	40000	60000	52	36	32	M5×6
NX5T3M202K40KV	2000	±10	T3M/N4700	40000	60000	58	36	32	M5×6
NX5T3M101K50KV	100	±10	T3M/N4700	50000	75000	20	39	35	M4×6
NX5T3M201K50KV	200	±10	T3M/N4700	50000	75000	24	39	35	M4×6
NX5T3M401K50KV	400	±10	T3M/N4700	50000	75000	30	39	35	M4×6
NX5T3M561K50KV	560	±10	T3M/N4700	50000	75000	38	39	35	M4×6
NX5T3M112K50KV	1100	±10	T3M/N4700	50000	75000	52	39	35	M5×6
NX5T3M172K50KV	1700	±10	T3M/N4700	50000	75000	58	39	35	M5×6
<b>NX5 Series - Y5P Class II Dielectric</b>						<b>Figure 24</b>			
NX5Y5P251K15KV	250	±10	Y5P	15000	22500	20	19	15	M4×4
NX5Y5P501K15KV	500	±10	Y5P	15000	22500	24	19	15	M4×4
NX5Y5P102K15KV	1000	±10	Y5P	15000	22500	36	19	15	M4×4
NX5Y5P251K20KV	250	±10	Y5P	20000	30000	24	22	18	M4×4
NX5Y5P501K20KV	500	±10	Y5P	20000	30000	30	22	18	M4×4
NX5Y5P102K20KV	1000	±10	Y5P	20000	30000	40	22	18	M4×4
NX5Y5P251K30KV	250	±10	Y5P	30000	45000	24	26	22	M4×4
NX5Y5P501K30KV	500	±10	Y5P	30000	45000	36	26	22	M4×4
NX5Y5P251K40KV	250	±10	Y5P	40000	60000	30	32	28	M4×4
NX5Y5P501K40KV	500	±10	Y5P	40000	60000	40	32	28	M4×4
NX5Y5P251K50KV	250	±10	Y5P	50000	75000	34	39	35	M4×5
NX5Y5P501K50KV	500	±10	Y5P	50000	75000	52	39	35	M5×5

All devices listed are RoHS compliant.

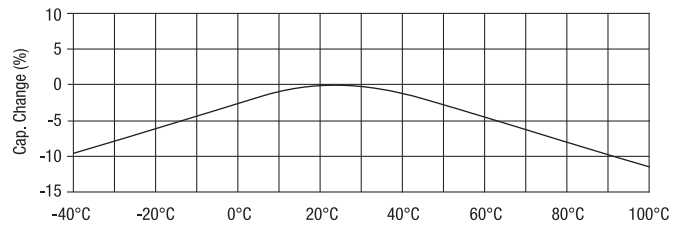
Performance curves for products listed here can be found on page 29.



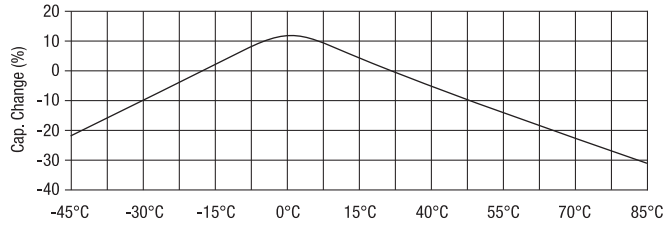
**BXN Typical Temperature Characteristics Curve**



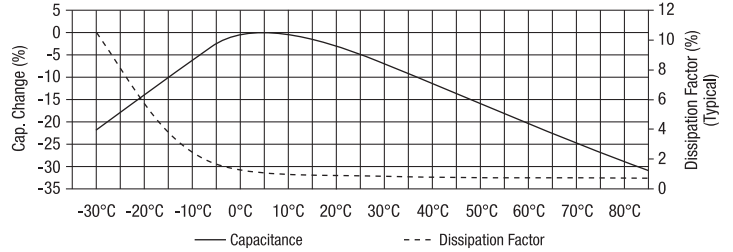
**Y5P Typical Temperature Characteristics Curve**



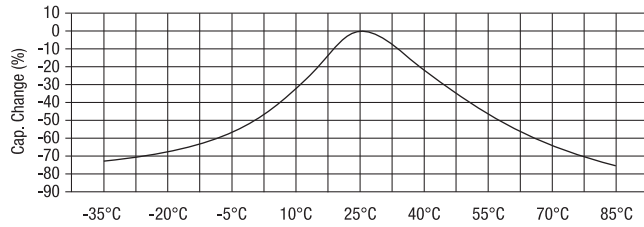
**Y5T Typical Temperature Characteristics Curve**



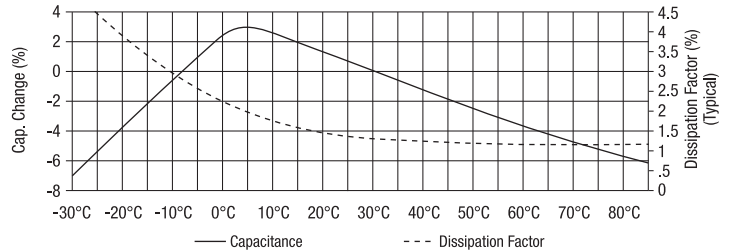
**Z5U Typical Temperature Characteristics Curve**



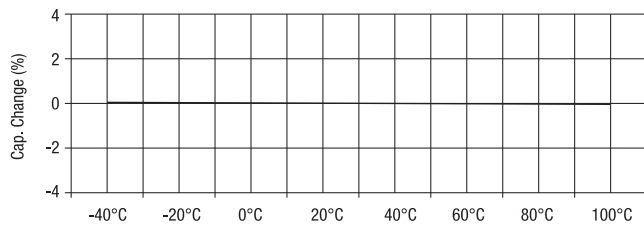
**Y5V Typical Temperature Characteristics Curve**



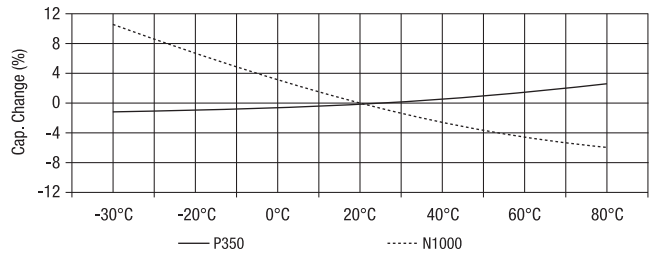
**Z5P Typical Temperature Characteristics Curve**



**NPO Typical Temperature Characteristics Curve**

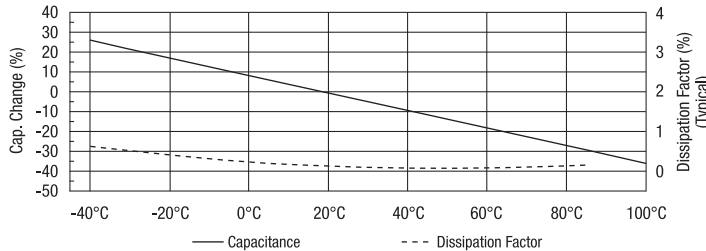


**SL Typical Temperature Characteristics Curve**

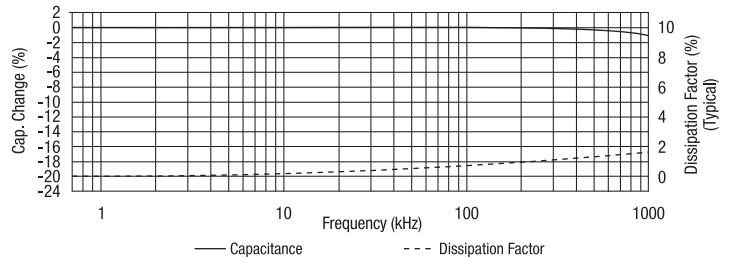


**Door Knob Capacitor Characteristic Curves**

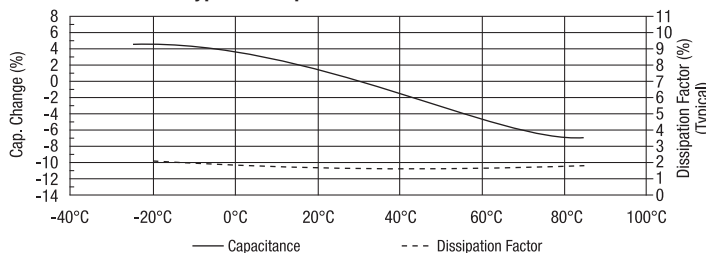
**T3M Typical Temperature Characteristics Curve**



**T3M Frequency Characteristic**



**Y5P Typical Temperature Characteristics Curve**



**Y5P Frequency Characteristic**

