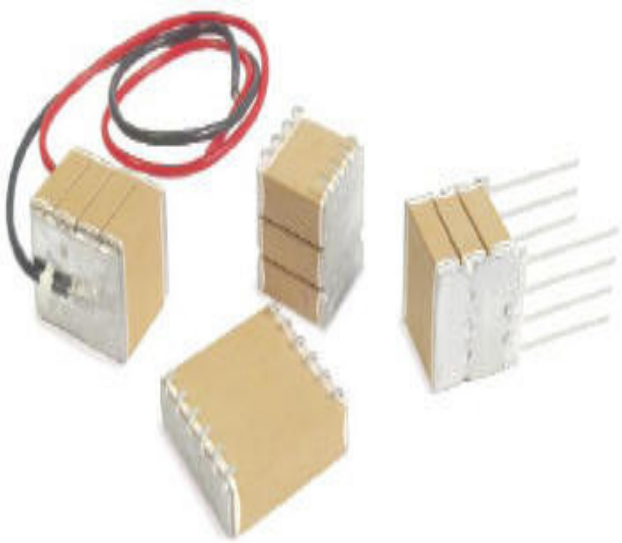
High Frequency-High Power Capacitors
For AC Line Filtering or High Power RF Applications
Type N2200 Dielectric

Applications:

- AC line filtering, typically from 110-230 volts AC, 80 to 400 Hz
- High power RF at high voltages, 500 volts to 5,000 volts

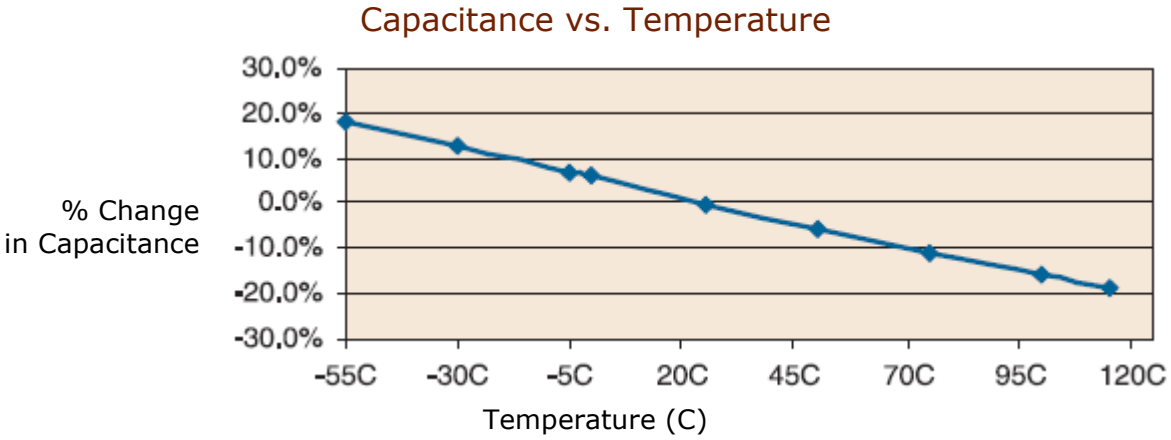


Features:

- Low dissipation factor (DF)
- Low self-heating
- Low ESR over a wide frequency range
- High reliability
- Stable capacitance vs. frequency
- No aging rate

Ceramic Type:

- Type N2200, NTC dielectric (combines the high K of an X7R dielectric with the stability of an NPO dielectric)
- Temperature coefficient: -2200ppm/°C typical
- Presidio Code for ordering is "N2T"



PRESIDIO COMPONENTS, INC.
7169 Construction Court, San Diego, CA 92121 USA • Tel: 858-578-9390 • Fax: 800-538-3880 or 858-578-6225
Web: www.presidiocomponents.com • Email: info@presidiocomponents.com

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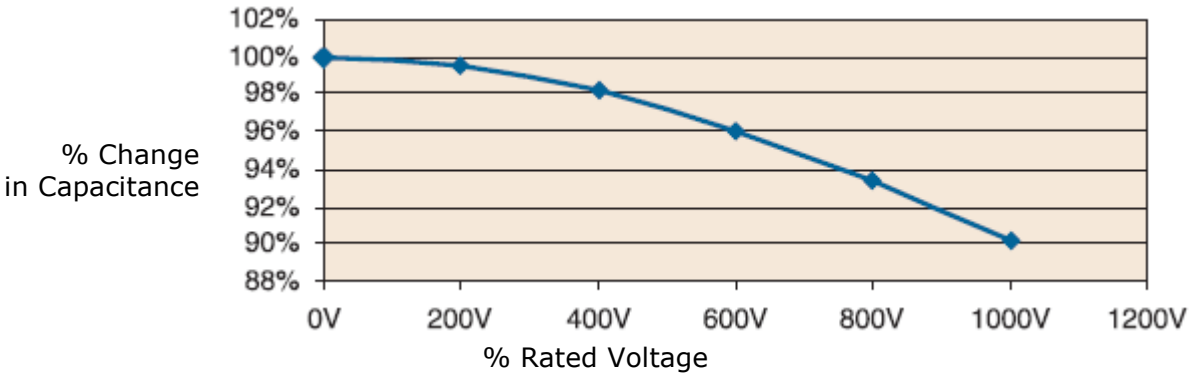
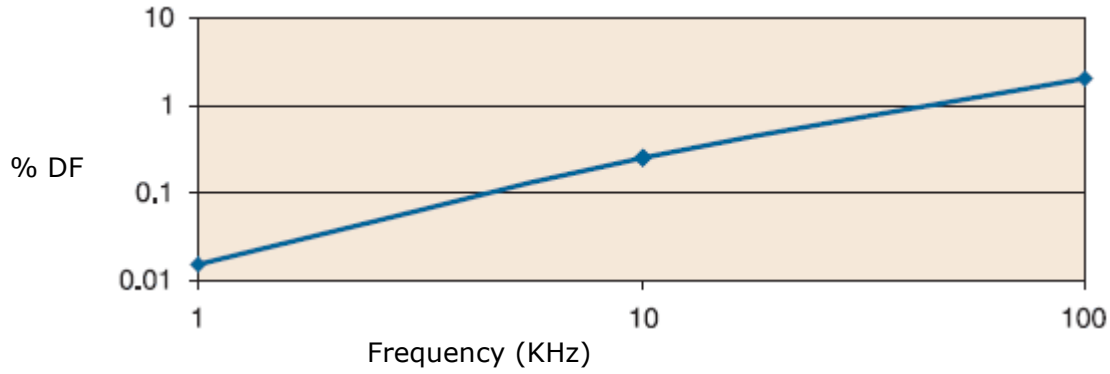
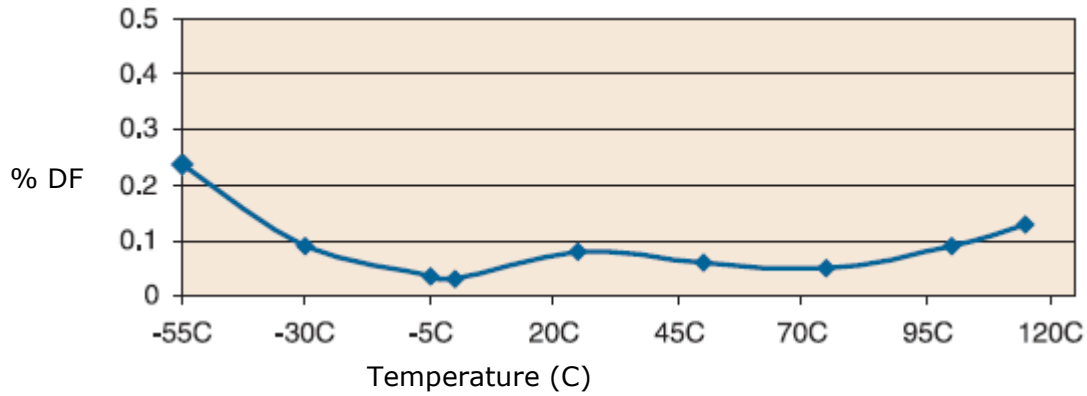
Typical Voltage Coefficient
(1000V rated part)



DF vs. Frequency



DF vs. Temperature



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High Frequency-High Power Capacitors
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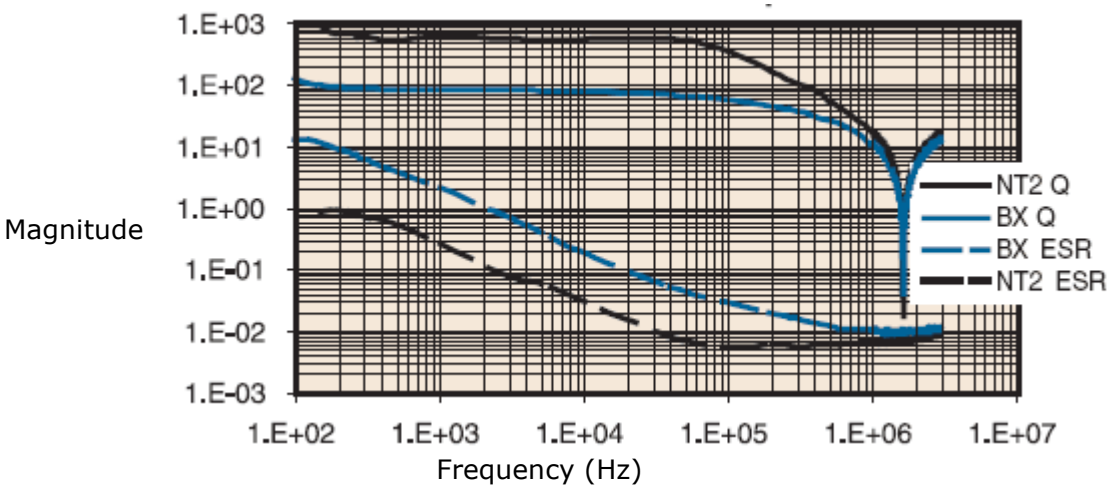
Type N2200 Dielectric

Comparison of N2T and BX Dielectrics
1µF, 500V, Stacked Capacitors



Popular Part Numbers

Capacitance	Voltage	Part Number
.068 µF	500 V	RL2422N2T683K6E250
.330 µF	500 V	RL3941N2T334K6E400
1 µF	500 V	S405N2T105K6N4
.050 µF	1000 V	RL3736N2T503K9E375
.015 µF	5000 V	RL8557N2T153K15E850

Notes:
1. Capacitors available as radial leaded or stacked
2. Other sizes and voltages are available; consult factory.

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