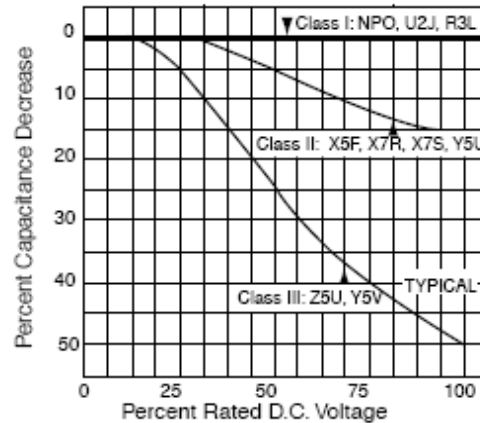


High Voltage Capacitor Notes

- Capacitance Voltage Coefficient:** Be sure to check the effect of the applied voltage on the capacitance, as this could be significant. Ceramic capacitor types Z5U and Y5V are particularly poor in this area. See the graph.
- Ceramic Capacitor Form Factor:** To reduce the size of high voltage assemblies when using thru-hole ceramic capacitors, some types are also available in a mirror-image configuration. This is useful when the leads are offset.
- Film Capacitor Construction:** There are a few different types of construction used for high voltage film capacitors. It is useful to determine the type, as it could impact the electric field distribution, and also the ripple.

Capacitance Decrease vs. D-C Voltage Bias



For more information, please [contact us](#).