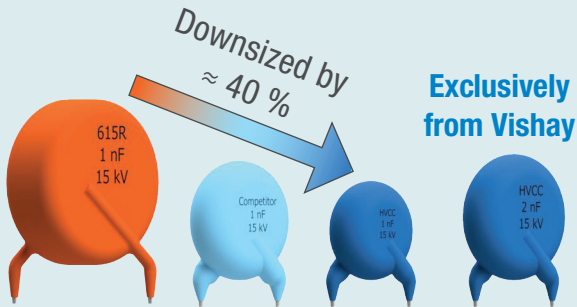




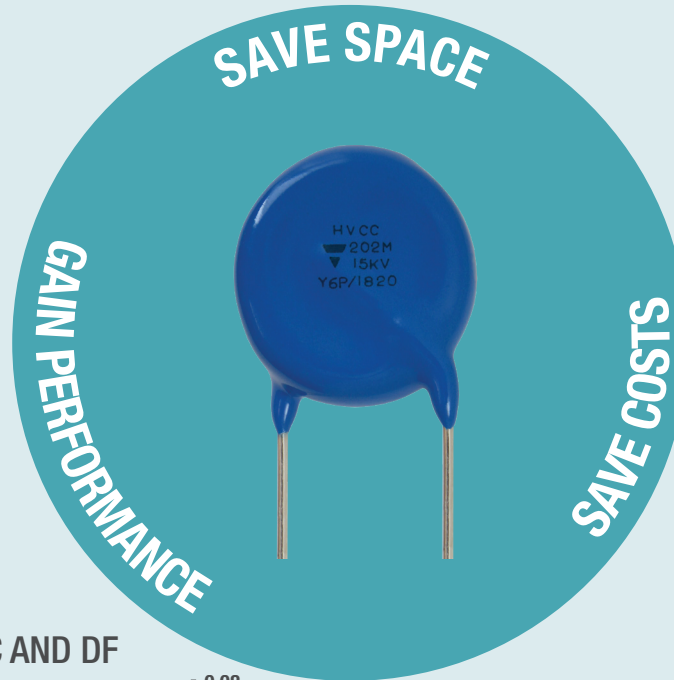
HIGH VOLTAGE CERAMIC CAPACITOR

RADIAL-LEADED SINGLE DISC

IN A NUTSHELL



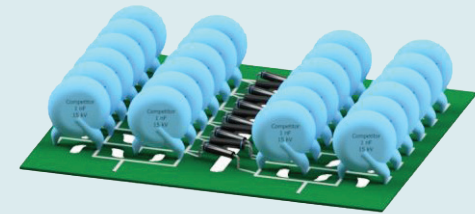
615R	Competitor	HVCC	HVCC
1 nF	1 nF	1 nF	2 nF
15 kV	15 kV	15 kV	15 kV



2 nF HVCC Comparison

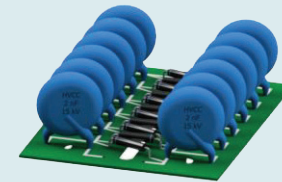
COMPETITOR SOLUTION

State of the art 12 stage multiplier, 15 kV, 2 x 1 nF in parallel



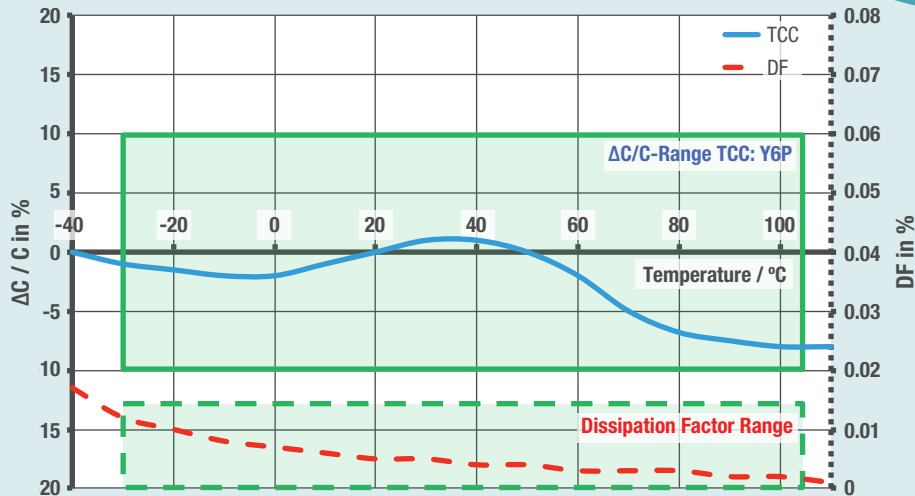
VISHAY REPLACEMENT

Unique 2 nF cap enables space saving 12 stage multiplier, 15 kV, 1 x 2 nF



Downsized by up to half of components

TEMPERATURE CHARACTERISTIC OF C AND DF



HVCC Series	SPEC
U_{rated}	10, 15 kV _{DC}
TCC / Operating Temperature	Y6P / $\Delta C/C_0$ less than $\pm 10\%$ from $-30\text{ }^\circ\text{C}$ to $+105\text{ }^\circ\text{C}$
Capacitance Range	up to 2.0 nF
Life Performance	$1.25 \times U_{rated}$ at $105\text{ }^\circ\text{C}$ at 1000 h

For Technical Questions: slcap@vishay.com