



# THE VISHAY ADVANTAGE AND WHY IT MATTERS...

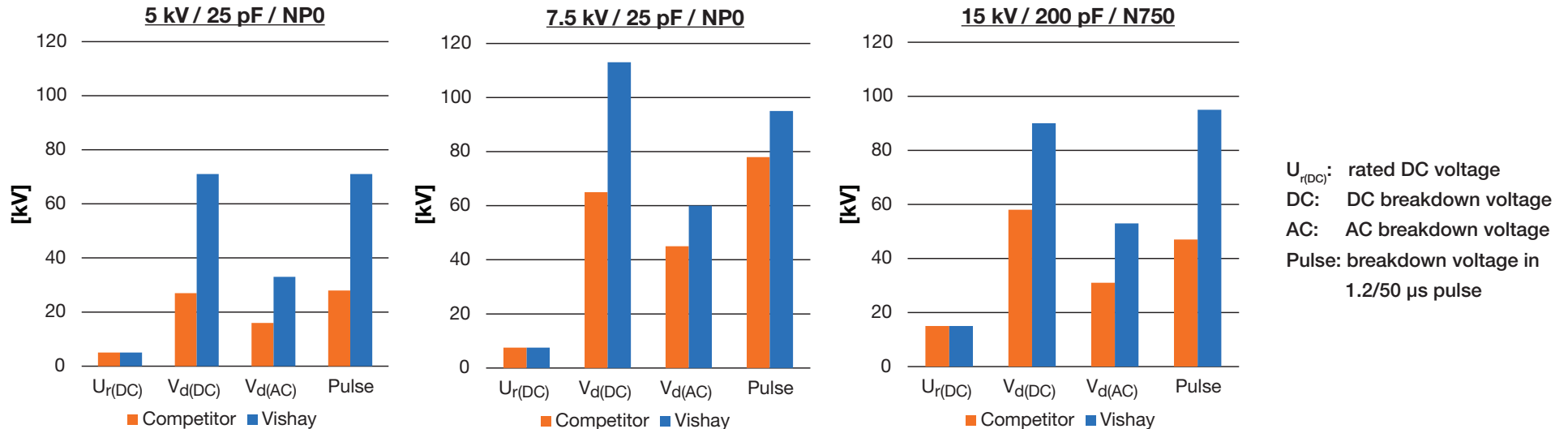
## BENCHMARKS OF CERAMIC POWER BARREL CAPACITORS

### Vishay Ceramic Power Capacitors Benchmark Tests

This document summarizes the results for barrel capacitors. We ran a series of benchmark tests to prove our quality and performance against our number one competitor. We tested the most prominent series with voltage ratings of 5 kV, 7.5 kV, and 15 kV. The most critical parameter in customer applications is the breakdown voltage.

### Comparison of Breakdown Voltages...

Vishay not only far exceeds the specification voltages, but also vastly out-performs the competition.



### Why it Matters...

Customers get a more reliable and better performing product with several advantages for their application:

- Higher robustness against voltage spikes, e.g. in case of other defects in the application
- Higher operation safety margin
- Higher life time expectancy
- Less trouble with end customers

By the way...

RoHS-compliant barrel capacitors are available on demand

For an overview of our RF Barrel Capacitors, please visit:

<https://www.vishay.com/capacitors/ceramic/rf-barrel/>