



2015 Super 12 Products

AY2 Series

Ceramic Safety Capacitors



A *WORLD OF*
SOLUTIONS

AY2 Series Ceramic Safety Capacitors

Automotive-Grade X1 / Y2 Ceramic Safety Capacitors

- Features:
 - Automotive Grade (for more information, please visit www.vishay.com/doc?49924)
 - AEC-Q200 qualified
 - Can pass 3000 temperature cycles from -55 °C to +125 °C (AEC-Q200 requires 1000)
 - X1 / Y2 safety capacitor acc. to IEC 60384-14, 3rd edition
 - Widest operating temperature in the market
 - Halogen-free epoxy coating
- Applications / Market Segments:
 - Automotive
 - On-board chargers in e-cars/PHEVs



GREEN
(5-2008)

**AUTOMOTIVE
GRADE**



AY2 Series Ceramic Safety Capacitors

- Automotive (cont'd)
 - Battery management in e-cars/PHEVs
 - DC line filtering in DC/DC converters
- Industrial
 - Smart / power meters
 - High-reliability industrial applications and power supplies
 - Automation

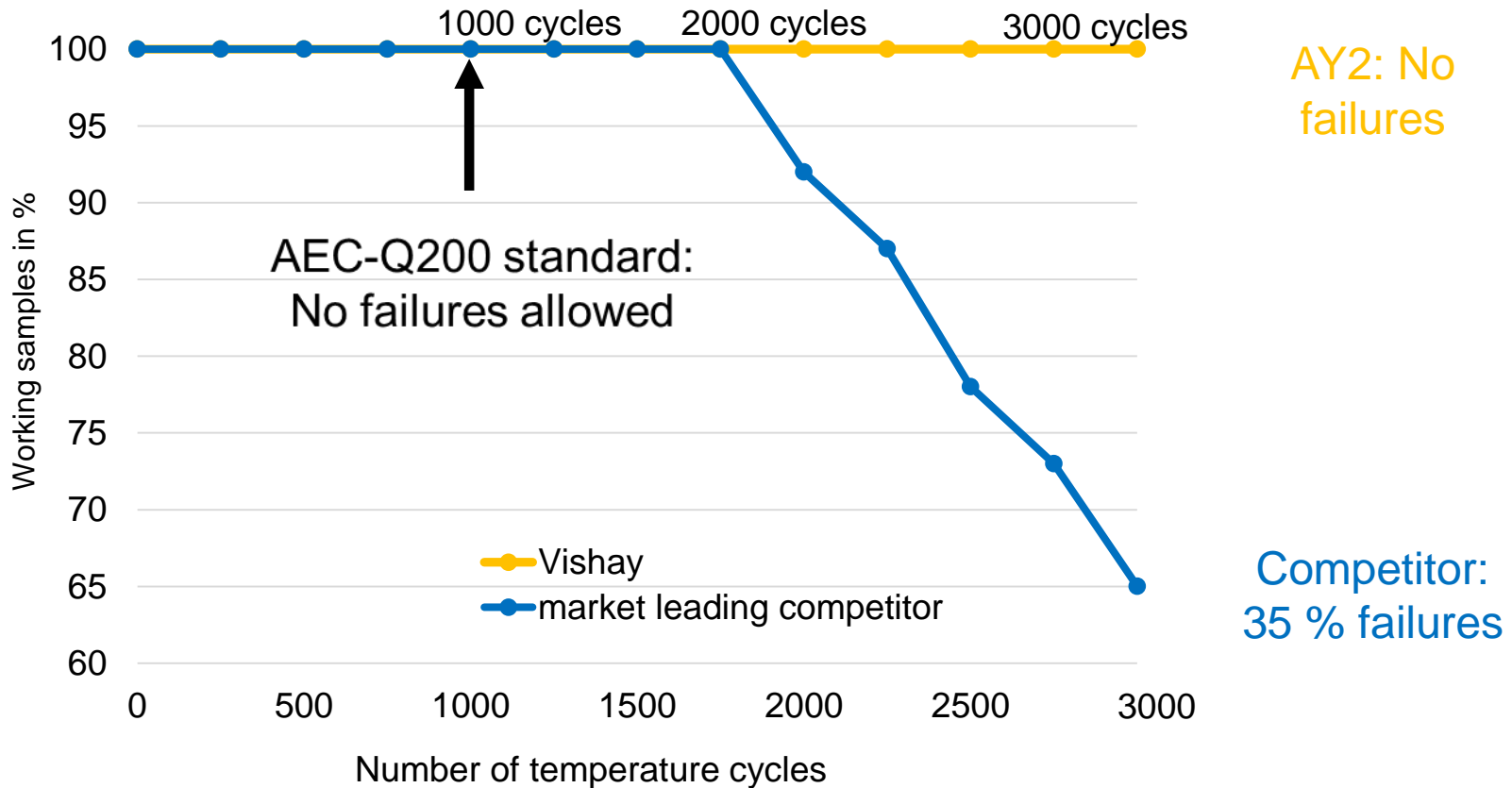


- Datasheet document number: 28550
- Product page: www.vishay.com/ppg?28550
- Product sheet: www.vishay.com/doc?49466
- Selector guide: www.vishay.com/doc?49177
- Trade show brochure: www.vishay.com/doc?49653



AY2 Series Ceramic Safety Capacitors

■ Benchmark Test vs. Marketing-Leading Competition (typical measurement)



AY2 Series Ceramic Safety Capacitors

- Why use AY2 Series?
 - Better performance (e.g. temperature cycles)
 - Thinner disc
 - Widest operating temperature in the market
 - Environmentally friendly (halogen-free and GREEN)
 - Samples and evaluation kits are available
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