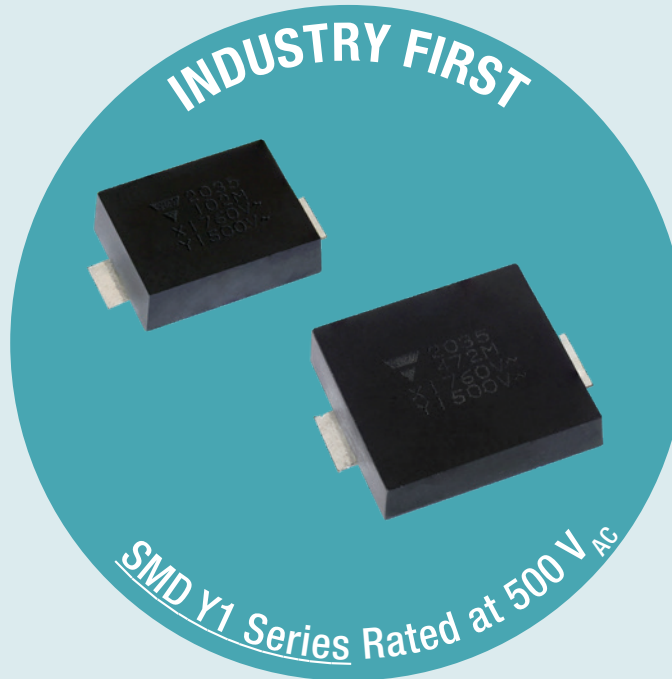
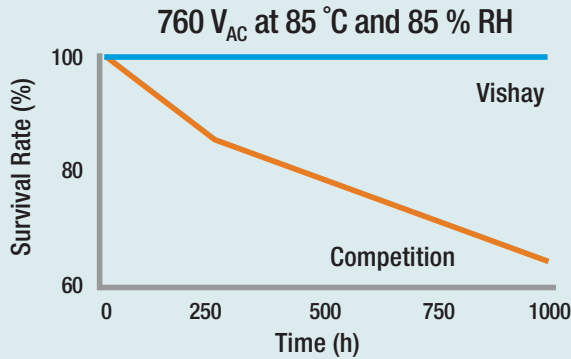




X1 / Y1 SAFETY CAPACITOR IN SMD CASE

Y1: 500 V_{AC}, Y1: 1500 V_{DC}, HUMIDITY GRADE IIB

HIGH RELIABILITY
UNDER HARSHTEST CONDITIONS



WHY CHOOSE VISHAY?

	Vishay	Competition
Capacitance	Up to 4700 pF	Up to 1500 pF
AC voltage rating	500 V _{AC}	≤ 300 V _{AC}
DC voltage rating	1500 V _{DC}	No DC rating
Humidity robustness IIB (500 h at 85 °C and 85 % with rated voltage applied)	✓	✗
Moisture sensitivity level – MSL2a	✓	✗

WHY SMD?

- Reflow soldering possible
- Reduced height with low profile
- No wire bending
- No clearance on backside



POWER SUPPLIES

APPLICATIONS



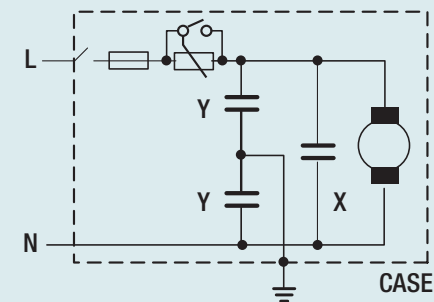
SOLAR INVERTERS



LIGHTING



SMART METERS



RATED VOLTAGE (IEC 60384-14):

- Y1: 500 V_{AC}, 50 Hz
- Y1: 1500 V_{DC} (Annex H)
- X1: 760 V_{AC}, 50 Hz

For technical questions: cdc@vishay.com

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