VY2 Sample Kit
AC Line Rated Ceramic Disc Capacitors
Class X1, 440 V_{AC}, Class Y2, 300 V_{AC}



FEATURES

- Singlelayer AC disc safety capacitors
- Complies with IEC 60384-14 4th edition
- High reliability
- Vertical (inline) kinked or straight leads
- Material categorization:
  for definitions of compliance please see www.vishay.com/doc?99912

RoHS COMPLIANT
HALOGEN FREE Available
GREEN (5-2008) Available

The sample kit contains a total of 7 capacitance values with 10 pieces each.

SPECIFICATIONS	
Part number	VY21-KIT-HF
Capacitors type	Class X1, 440 V_{AC}, Class Y2, 300 V_{AC}
Temperature coefficient	Refer to specified ceramic type
Tolerance	10 %, 20 %
Capacitance range / E-series	Refer to below table
Number of capacitance values	7
Capacitors per value / total	10 / 70

Note

- The products are specified by the underlying datasheet “VY2 Series” in its latest edition at www.vishay.com/doc?28535

CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (pF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY2101K29Y5SG63V7	100	10	7.5 x 5.0	7.5
VY2221K29Y5SG63V7	220	10	7.5 x 5.0	7.5
VY2471K29Y5SG63V7	470	10	7.5 x 5.0	7.5
VY2681M29Y5UG63V7	680	20	7.5 x 5.0	7.5
VY2102M29Y5UG63V7	1000	20	9.0 x 5.0	7.5
VY2222M35Y5UG63V7	2200	20	10.5 x 5.0	7.5
VY2472M49Y5UG63V7	4700	20	12.5 x 5.0	7.5

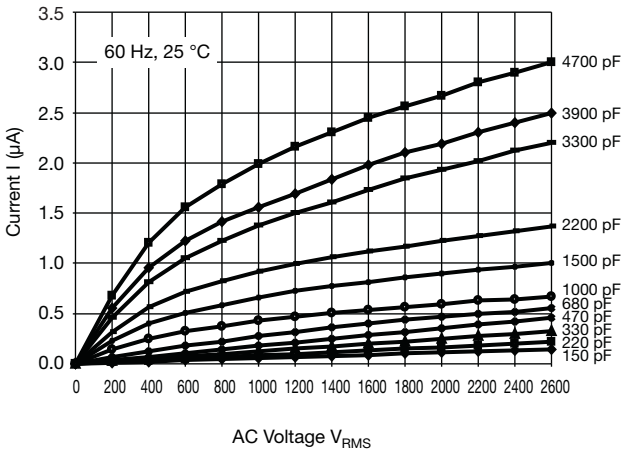
Note

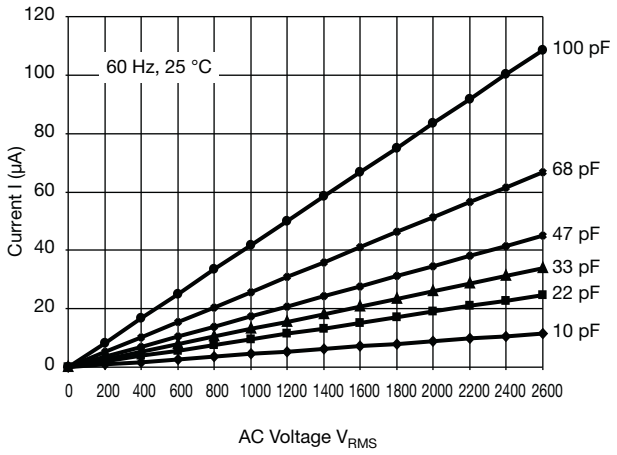
- The product can be ordered using the PART NUMBER

For technical questions, contact: cdc@vishay.com

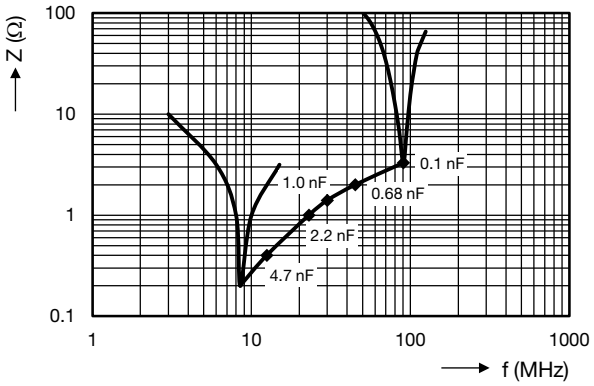
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LEAKAGE CURRENT VS. VOLTAGE (Typical)





IMPEDANCE VS. FREQUENCY (Typical)



Lead configuration: length = 30 mm, lead spacing: standard, lead diameter: standard, inline crimp

Note

- The capacitors meet the essential requirements of “EIA 198”. Unless stated otherwise all electrical values apply at an ambient temperature of 25 °C ± 3 °C, at normal atmospheric conditions.

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