



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

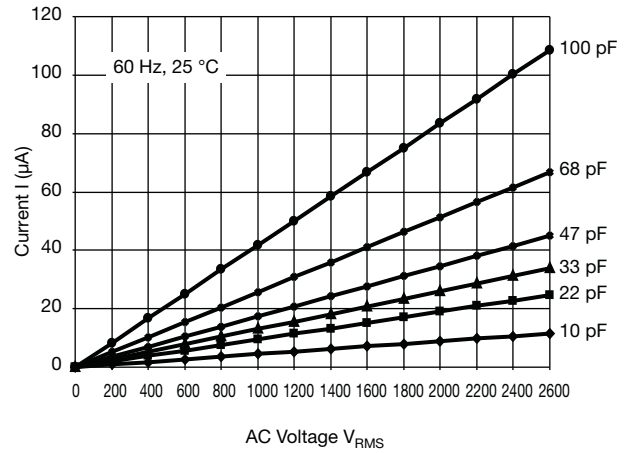
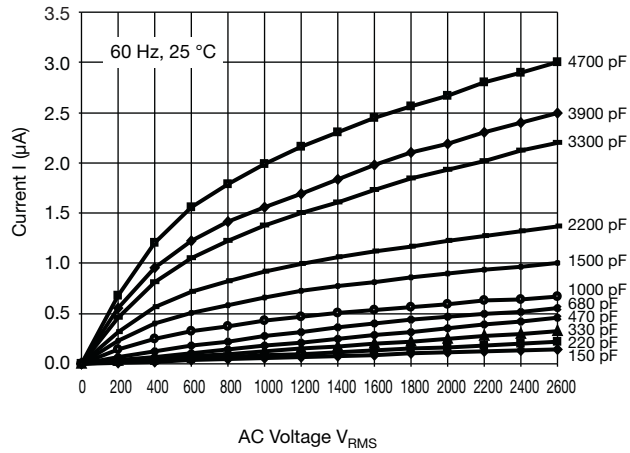
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (pF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY2101K29Y5SG63V7	100	10	7.5 x 5.0	7.5
VY2221K29Y5SG63V7	220	10	7.5 x 5.0	7.5
VY2471K29Y5SG63V7	470	10	7.5 x 5.0	7.5
VY2681M29Y5UG63V7	680	20	7.5 x 5.0	7.5
VY2102M29Y5UG63V7	1000	20	9.0 x 5.0	7.5
VY2222M35Y5UG63V7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

Note

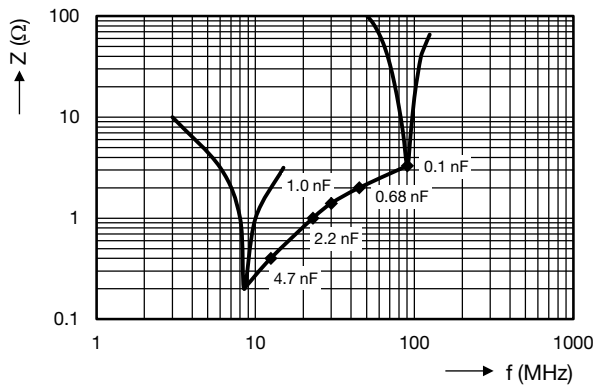
- The product can be ordered using the PART NUMBER



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.