



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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Mini Sized VY1...Y5V Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 760 V_{AC}, Class Y1, 500 V_{AC}



FEATURES

- Singlelayer AC disc safety capacitors
- Complying with IEC 60384-14 4th edition
- Mini size (Y5V ceramic material)
- 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
GREEN
(5-2008)

The sample kit contains a total of 6 capacitance values with 10 pieces each.

SPECIFICATIONS	
Part number	VY1-KIT-MS
Capacitors type	Class X1, 760 V _{AC} , Class Y1, 500 V _{AC}
Temperature coefficient	Y5V (2F3)
Tolerance	20 %
Capacitance range / E-series	Refer to below table
Number of capacitance values	6
Capacitors per value / total	10 / 60

Note

- The products are specified by the underlying datasheet “VY1 Series” in its latest edition at www.vishay.com/doc?28537

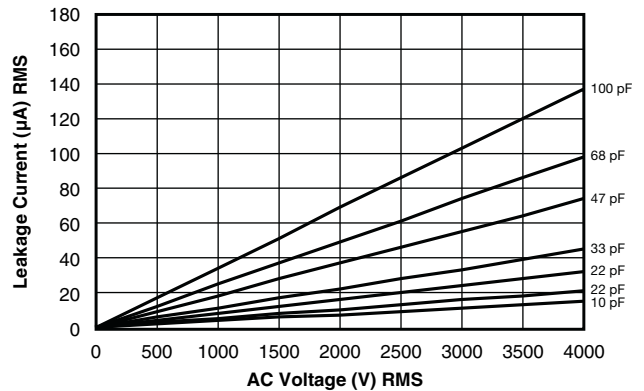
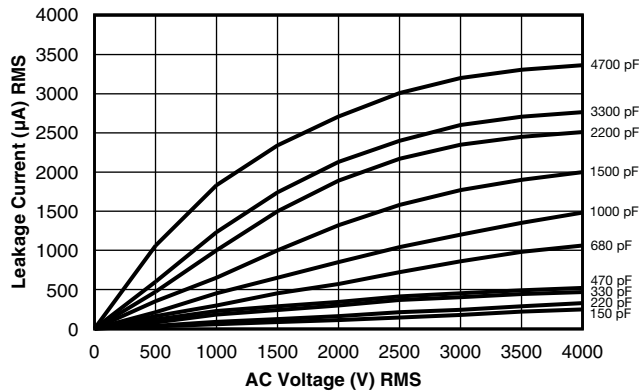
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (nF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1102M29Y5VQ63V0	1.0	20	7.5 x 5.0	10
VY1152M33Y5VQ63V0	1.5	20	8.5 x 5.0	10
VY1222M37Y5VQ63V0	2.2	20	9.5 x 5.0	10
VY1332M43Y5VQ63V0	3.3	20	11.0 x 5.0	10
VY1392M47Y5VQ63V0	3.9	20	12.0 x 5.0	10
VY1472M51Y5VQ63V0	4.7	20	13.0 x 5.0	10

Note

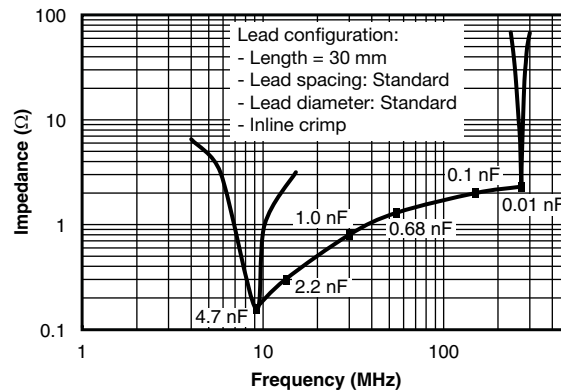
- The product can be ordered using the PART NUMBER



LEAKAGE CURRENT VS. VOLTAGE (Typical)



IMPEDANCE VS. FREQUENCY (Typical)



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.