



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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VY1 Compact Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 760 V_{AC}, Class Y1, 500 V_{AC}



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

FEATURES

- Singlelayer AC disc safety capacitors
- Complying with IEC 60384-14 3rd edition
- Can pass 10 kV pulses
- Reduced size (compact design)
- 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

SPECIFICATIONS	
Part number	VY11-KIT-CS
Capacitors type	Class X1, 760 V _{AC} , Class Y1, 500 V _{AC}
Temperature coefficient	Y5U
Tolerance	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 “VY1 Compact Series” in its latest edition at www.vishay.com/doc?28555

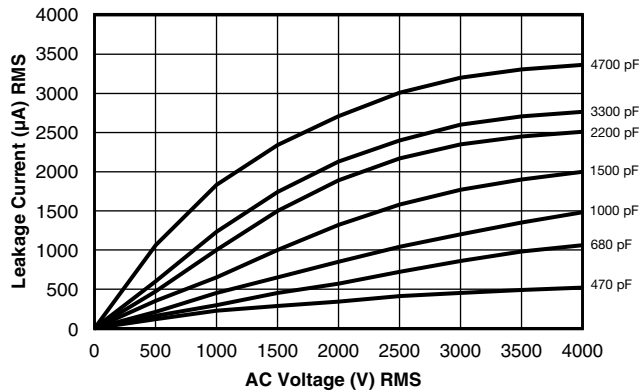
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (pF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1471M29Y5UC63V0	470	20	7.5 x 5.0	10
VY1681M29Y5UC63V0	680	20	7.5 x 5.0	10
VY1102M31Y5UC63V0	1000	20	8.0 x 5.0	10
VY1152M35Y5UC63V0	1500	20	9.0 x 5.0	10
VY1222M43Y5UC63V0	2200	20	11.0 x 5.0	10
VY1332M51Y5UC63V0	3300	20	13.0 x 5.0	10
VY1472M61Y5UG63V0	4700	20	15.5 x 5.0	10

Note

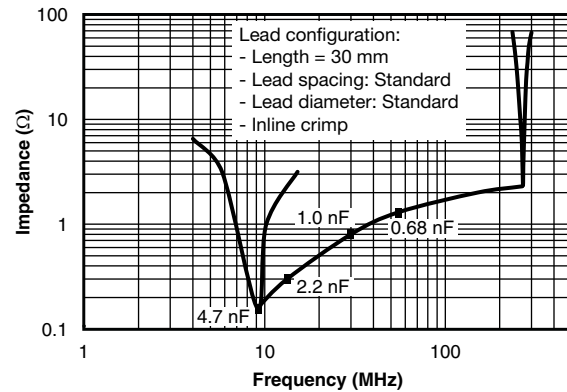
- The product can be ordered using the PART NUMBER



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.