



## VY1 Compact Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 760 V<sub>AC</sub>, Class Y1, 500 V<sub>AC</sub>



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 3<sup>rd</sup> 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](http://www.vishay.com/doc?99912)



**RoHS**  
COMPLIANT  
HALOGEN  
**FREE**

SPECIFICATIONS	
Part number	VY11-KIT-CS
Capacitors type	Class X1, 760 V <sub>AC</sub> , Class Y1, 500 V <sub>AC</sub>
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](http://www.vishay.com/doc?28555)

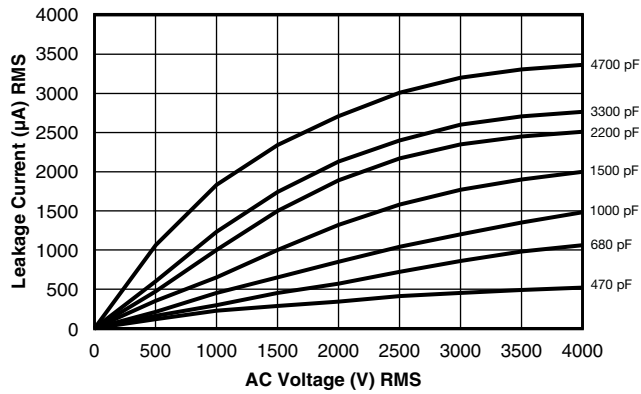
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (pF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1471M29Y5UC63V0	470	20	7.5 x 5.0	10
VY1681M29Y5UC63V0	680	20	7.5 x 5.0	10
VY1102M31Y5UC63V0	1000	20	8.0 x 5.0	10
VY1152M35Y5UC63V0	1500	20	9.0 x 5.0	10
VY1222M43Y5UC63V0	2200	20	11.0 x 5.0	10
VY1332M51Y5UC63V0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

### Note

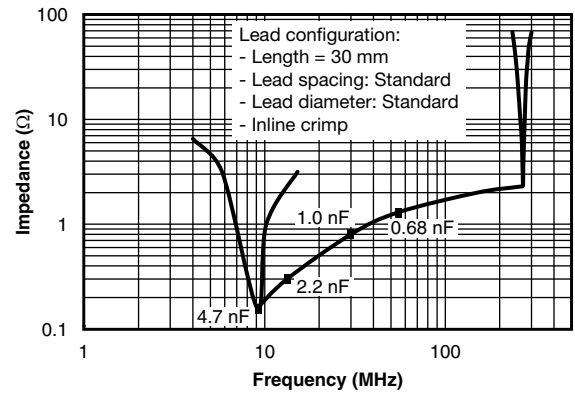
- The product can be ordered using the PART NUMBER



## 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  $25\text{ }^{\circ}\text{C} \pm 3\text{ }^{\circ}\text{C}$ , at normal atmospheric conditions.