



## Mini Sized VY1...Y5V Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 760 V<sub>AC</sub>, Class Y1, 500 V<sub>AC</sub>



### FEATURES

- Singlelayer AC disc safety capacitors
- Complying with IEC 60384-14 4<sup>th</sup> 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](http://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 <sub>AC</sub> , Class Y1, 500 V <sub>AC</sub>
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](http://www.vishay.com/doc?28537)

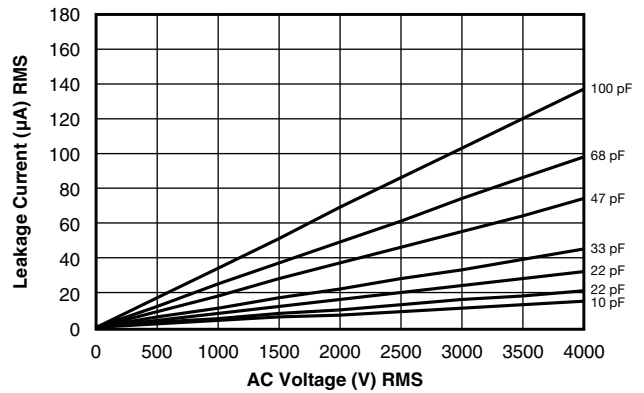
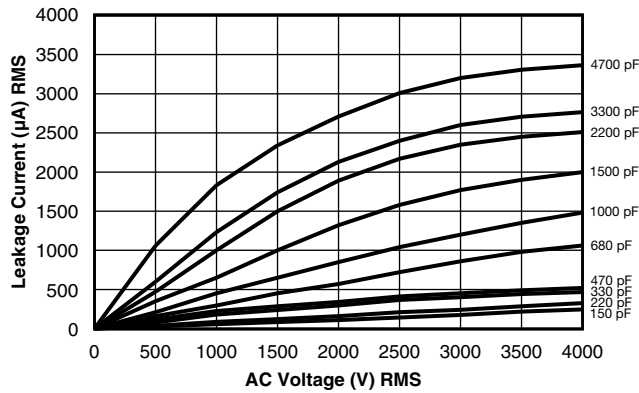
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (nF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1102M29Y5VQ63V0	1.0	20	7.5 x 5.0	10
VY1152M33Y5VQ63V0	1.5	20	8.5 x 5.0	10
VY1222M37Y5VQ63V0	2.2	20	9.5 x 5.0	10
VY1332M43Y5VQ63V0	3.3	20	11.0 x 5.0	10
VY1392M47Y5VQ63V0	3.9	20	12.0 x 5.0	10
VY1472M51Y5VQ63V0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

### Note

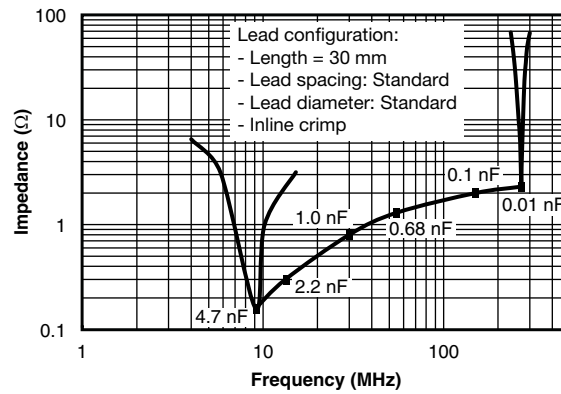
- The product can be ordered using the PART NUMBER



### 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.

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[VY11-KIT-CS](#) [VY1-KIT-MS](#)