



## Mini Sized VY2...Y5V Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 440 V<sub>AC</sub>, Class Y2, 300 V<sub>AC</sub>



### FEATURES

- Singlelayer AC disc safety capacitors
- Complies 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)



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(5-2008)

The sample kit contains a total of 8 capacitance values with 10 pieces each.

SPECIFICATIONS	
Part number	VY2-KIT-MS
Capacitors type	Class X1, 440 V <sub>AC</sub> , Class Y2, 300 V <sub>AC</sub>
Temperature coefficient	Y5V (2F3)
Tolerance	20 %
Capacitance range / E-series	Refer to below table
Number of capacitance values	8
Capacitors per value / total	10 / 80

### Note

- The products are specified by the underlying datasheet “VY2 Series” in its latest edition at [www.vishay.com/doc?28535](http://www.vishay.com/doc?28535)

CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (nF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY2102M29Y5VS63V7	1.0	20	7.5 x 5.0	7.5
VY2152M29Y5VS63V7	1.5	20	7.5 x 5.0	7.5
VY2222M31Y5VS63V7	2.2	20	8.0 x 5.0	7.5
VY2332M35Y5VS63V7	3.3	20	9.0 x 5.0	7.5
VY2392M39Y5VS63V7	3.9	20	10.0 x 5.0	7.5
VY2472M41Y5VS63V7	4.7	20	10.5 x 5.0	7.5
VY2682M47Y5VS63V7	6.8	20	12.0 x 5.0	7.5
VY2103M59Y5VS63V0	10	20	15.0 x 5.0	10

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

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[VY21-KIT-HF](#) [VY2-KIT-MS](#)