

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

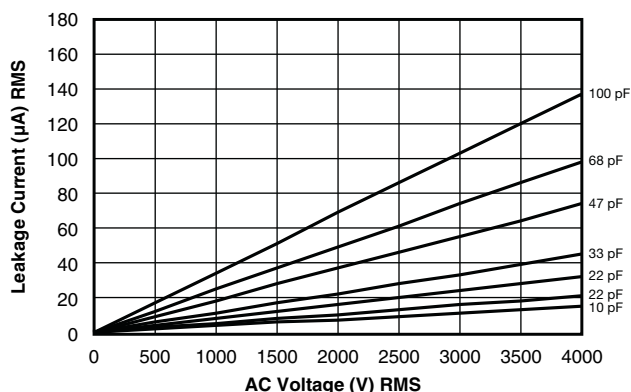
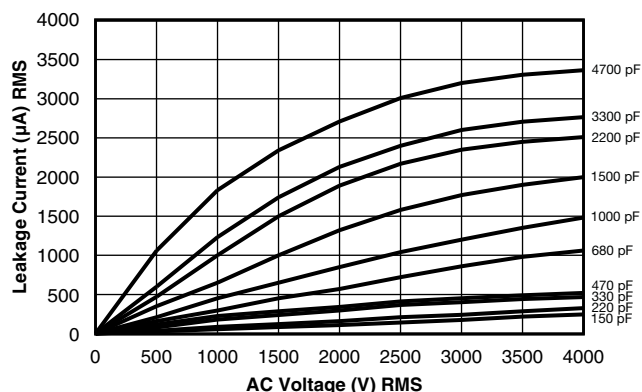
PART NUMBER	CAPACITANCE (nF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1102M29Y5VQ63V0	1.0	20	7.5 x 5.0	10
VY1152M33Y5VQ63V0	1.5	20	8.5 x 5.0	10
VY1222M37Y5VQ63V0	2.2	20	9.5 x 5.0	10
VY1332M435Y5VQ63V0	3.3	20	11.0 x 5.0	10
VY1392M47Y5VQ63V0	3.9	20	12.0 x 5.0	10
VY1472M51Y5VQ63V0	4.7	20	13.0 x 5.0	10

Note

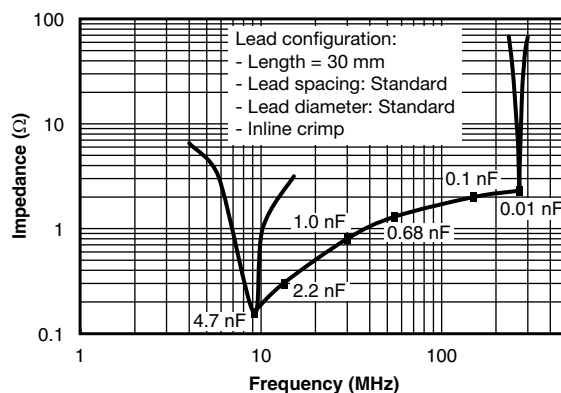
- The product can be ordered using the PART NUMBER



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