

VY1 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
- 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)
Available

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

SPECIFICATIONS	
Part number	VY11-KIT-HF
Capacitors type	Class X1, 760 V _{AC} , Class Y1, 500 V _{AC}
Temperature coefficient	Refer to specified ceramic type
Tolerance	10 %, 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 Series” in its latest edition at www.vishay.com/doc?28537

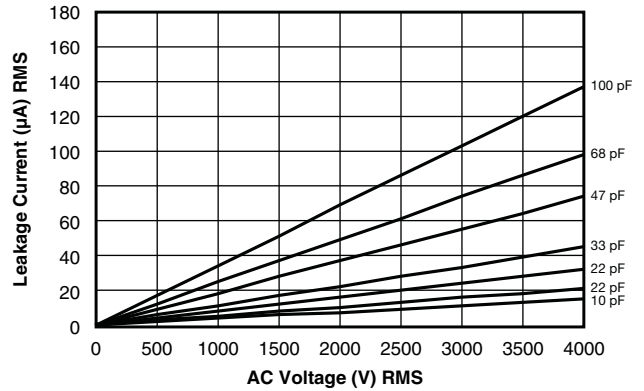
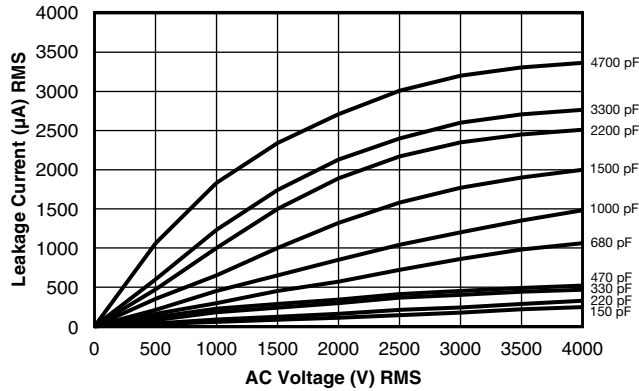
CAPACITANCE VALUE LIST				
PART NUMBER	CAPACITANCE (pF)	TOLERANCE (%)	DIMENSIONS (mm)	LEAD SPACING (mm)
VY1221K31Y5SQ63V0	220	10	8.0 x 5.0	10
VY1471K31Y5UQ63V0	470	10	8.0 x 5.0	10
VY1681K31Y5UQ63V0	680	10	8.0 x 5.0	10
VY1102M35Y5UQ63V0	1000	20	9.0 x 5.0	10
VY1222M47Y5UQ63V0	2200	20	12.0 x 5.0	10
VY1332M59Y5UQ63V0	3300	20	15.0 x 5.0	10
VY1472M63Y5UQ63V0	4700	20	16.0 x 5.0	10

Note

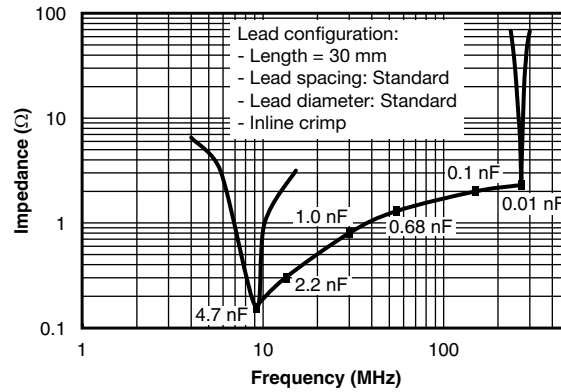
- The product can be ordered using the PART NUMBER



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.