



Mini Sized VY2...Y5V Sample Kit AC Line Rated Ceramic Disc Capacitors Class X1, 440 V_{AC}, Class Y2, 300 V_{AC}



FEATURES

- Singlelayer AC disc safety capacitors
- Complies 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 8 capacitance values with 10 pieces each.

| SPECIFICATIONS | |
|------------------------------|---|
| Part number | VY2-KIT-MS |
| Capacitors type | Class X1, 440 V _{AC} , Class Y2, 300 V _{AC} |
| 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

| 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

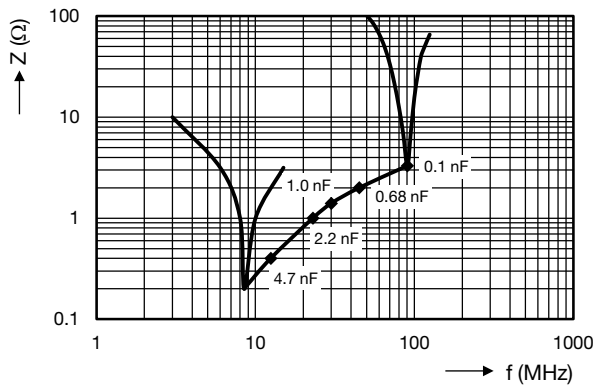
- The product can be ordered using the PART NUMBER



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 °C ± 3 °C, at normal atmospheric conditions.