

ALUMINUM HOUSED WIREWOUND RESISTORS (AH)



CERAMIC DISC CAPACITORS (Class-I Temperature Compensation Type)



Features

- Capacitance has linear temperature coefficient
- Capacitance high stability
- Low loss at wide range of frequency

General Specifications

- Capacitance Range:
1pF to 820pF
- Capacitance Tolerance:
 $\pm 0.25\text{pF}$
 $\pm 0.5\text{pF}$
 $\pm 5\%$
 $\pm 10\%$
- Operating Temperature Range:
-25 ~ 85
- Rated Working Voltage Rating:
50, 500 VDC
- Q Factor @1MHz, $1 \pm 0.2\text{Vrms}$, 25 :
C 30pF Q 1000
C < 30pF Q $400 + 20 \cdot C < 30\text{pF}$ Q $400 + 20 \cdot C$

- Insulation Resistance (IR) @ 25 :
10000 MO Minimum
- Dielectric Strength:
3 times the rated WVDC
- Low lost at wide range of frequency
- Testing Parameters:
1MHz $\pm 20\%$, 1.0Vrms ± 0.2 Vrms

CERAMIC DISC CAPACITORS (Class-II HI-K Type)

Features

- Capacitance has non linear temperature coefficient
- Large capacitance in small size
- Wide range of general purpose applications

General Specifications

- Capacitance Range:
6800pF to 220000pF
- Capacitance Tolerance:
 $\pm 10\%$
 $\pm 20\%$
+80-20%
- Operating Temperature Range:
-25 ~ 85
- Rated Working Voltage Rating:
16, 25 & 50 VDC
- Dissipation Factor (tand):
Y5V 16V tand 7.5%
75V, Y5R 25/50V tand 5.0%
- Insulation Resistance (IR) @ 25 :
16V 100 MO Minimum or 10 MO μ F
25/50V 1000 MO Minimum or 20 MO μ F
- Dielectric Strength:
2 times the rated WVDC
- Testing Parameters:
1KHz $\pm 20\%$, 1.0Vrms Maximum

CERAMIC DISC CAPACITORS (Class-III Semi-Conductive Type)

Features

- Large capacitance in small size
- Low lost at wide range of frequency
- Cost saving by placing film capacitors
- Capacitance has linear temperature coefficient
- Stable capacitance change over specified temperature range

General Specifications

- Capacitance Range:
6800pF to 220000pF
- Capacitance Tolerance:
±10%
±20%
+80-20%
- Operating Temperature Range:
-25 ~ 85
- Rated Working Voltage Rating:
16, 25 & 50 VDC
- Dissipation Factor (tand):
Y5V 16V tand 7.5%
75V, Y5R 25/50V tand 5.0%
- Insulation Resistance (IR) @ 25 :
16V 100 MO Minimum or 10 MO μ F
25/50V 1000 MO Minimum or 20 MO μ F
- Dielectric Strength:
2 times the rated WVDC
- Testing Parameters:
1KHz ±20%, 1.0Vrms Maximum

CERAMIC DISC CAPACITORS (Class III Hi-Voltage 1KV~3KV Type)

Features

- Capacitance has non linear temperature coefficient
- Large capacitance in small size
- Epoxy Coating for 2KV and 3KV parts
- Wide range of general purpose applications
- Stable capacitance change over specified temperature range

General Specifications

- Capacitance Range:
100pF to 10000pF
- Capacitance Tolerance:
±10%
±20%
+80-20%
- Operating Temperature Range:
-25 ~ 85 (Y5P)
10 ~ 85 (Z5U, Z5V)
- Rated Working Voltage Rating:
1000, 2000 & 3000 VDC

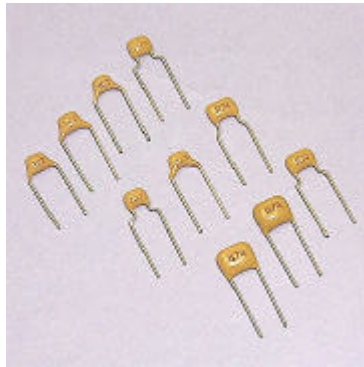
- Dissipation Factor (tand):
Y5P, Z5U tand 2.5%
Z5V tand 5.0%
- Insulation Resistance (IR) @ 25 :
10000 MO Minimum or 200 MO μ F whichever is smaller
- Dielectric Strength:
2 times the rated WVDC
- Testing Parameters:
1KHz \pm 20%, 1.0Vrms \pm 0.2Vrms

CERAMIC DISC CAPACITORS (X7R Dielectric Type, 50V~2KV)

General Specifications

- Capacitance Range:
120pF to 10000pF
- Capacitance Tolerance:
 \pm 10%
 \pm 20%
- Operating Temperature Range:
-55 ~ 125
- Rated Working Voltage Rating:
50, 500, 1000 & 2000 VDC
- Dissipation Factor (DF) \leq 2.5% Maximum @1KHz, 1 \pm 0.2Vrms, 25
- Insulation Resistance (IR) @ 25 :
10000MO or 200MO μ F whichever is smaller
- Testing Parameters:
50V, 500V: 2.5 times the rated WVDC
1000V, 2000V: 2 times the rated WVDC

MULTILAYER LEADED CAPACITORS (Radial / Axial Type)



Features - Multilayer Radial Leaded Capacitors (RD)

- Multilayer Radial Lead Capacitor (RD) has wide application in computer, data processing, telecommunication, industrial control and instrumentation equipment.
- The radial lead MLC is built with superior moisture and shock resistant epoxy coating material can be supplied in both bulk and taping form for automatic insertion.
- Temperature Characteristics:
NPO (COG)
X7R
Y5V

Features - Multilayer Axial Leaded Capacitors (AD)

- Multilayer Axial Lead Capacitor (AD) is built with superior moisture and shock resistant epoxy coating material. Produces in high volume by automated processes to ensure a uniform conforming coating.
- The axial lead MLC can be supplied in both bulk or taping form for automatic insertion and sequencing with any other axial lead components.
- Temperature Characteristics:
NPO (COG)
X7R
Y5V