



中高壓高誘電型陶瓷電容器

C.C. Series (CLASS II 500V~10KV)

Electronic Characteristics

Operating Temperature Rang

Code	Temp Range	Cap Chang	EIA Code
A	-25°C~+85°C	±4.7%	Y5E
B		±10%	Y5P
E	-10°C~+85°C	+22%~-56%	Z5U
F		+22%~-82%	Z5V

Capacitance

Within tolerance at 1KHz and 25°C

Minimum Capacitance tolerance :

TEMP. CHAR.	MIN CAP TOL
Y5E	± 10%
Y5P	± 10%
Z5U	± 20%
Z5V	+80%~-20%

Rated Voltage

500,1K,2K V_{DC}~10K V_{DC}

Test Voltage

Below 1KV : 300%
1KV 2KV. 200%
2KV< W. V. ≤5KV for 1.75%
5KV< W. V. ≤10KV for 1.5%
rated voltage with 50mA
max charging current for
2.5 sec.

Insulation Resistance

10,000MΩ min at WV_{DC}.

Dissipation Factor

2.5%max for Y5E,Y5P at 1KHz and 25°C
3.5%max for Z5U,Z5V at 1KHz and 25°C

Life Test

1.5 times working voltage at 85°C
for 500 hours.



Temperature characteristic curves

