



Service • Quality • Price

HIGH DIELECTRIC CONSTANT CAPACITORS (CLASS II 500V ~10KV)

中高壓高誘電型陶瓷電容器

勝特力材料 886-3-5753170

勝特力电子(上海) 86-21-54151736

勝特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)

Electronic Characteristics

Operating Temperature Range

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 VDC ~ 10K VDC

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 WVDC

Dissipation Factor

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

Life Test

1.5 times working voltage at 85
for 500 hours

Temperatur characteristic curve

