



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

中高壓高誘電型陶瓷電容器

Electronic Characteristics

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

