

Class II 500V ~ 10KV

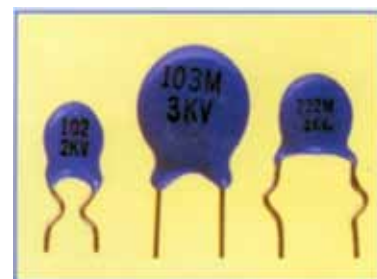
中高壓高誘電型陶瓷電容器

High Permittivity Ceramic Capacitors

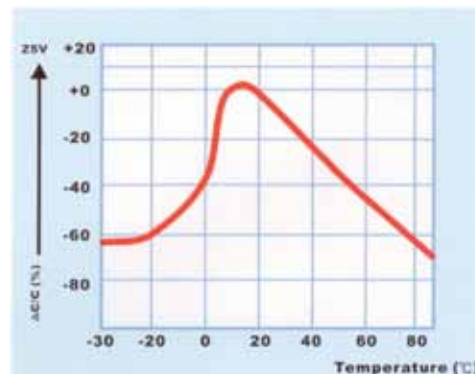
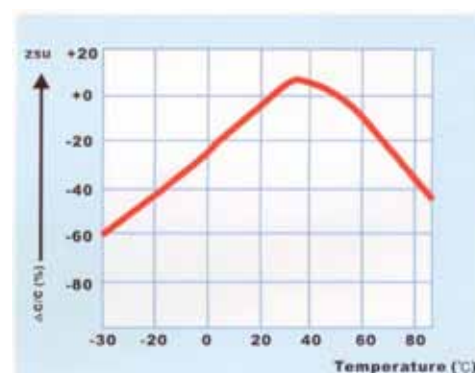
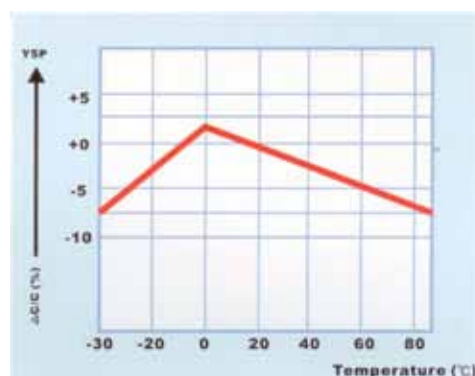
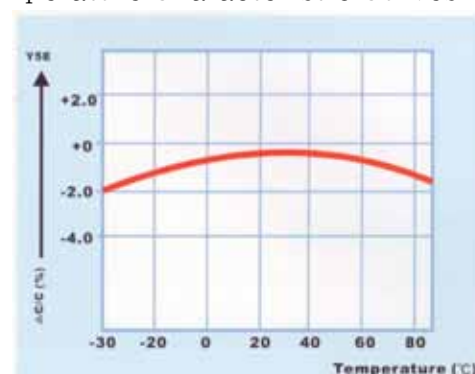


Electronic Characteristics

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



Temperature Characteristic Curves



Capacitance Size and Tolerance

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	50 ,1K, 2K VDC ~10KVDC
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 at 500VDC for 1minute.
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.