

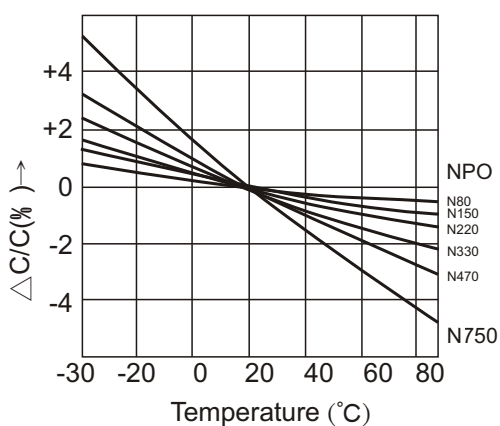
CERAMIC CAPACITORS

Temperature Compensating High Voltage Series (Class I 500V~2000V)
中高壓溫度補償型陶瓷電容器 (Class I 500V~2000V)

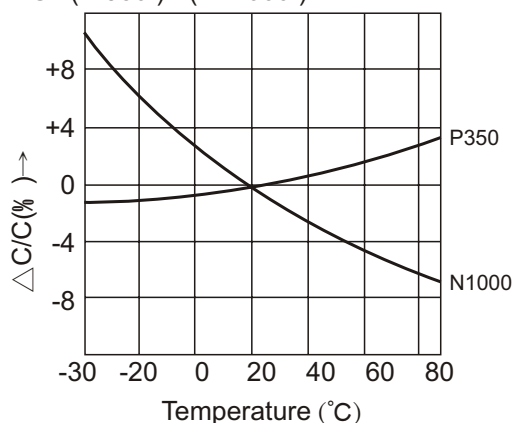
• **Temperature characteristic curves** 溫度特性曲線



NPO - N750



SL (P350) - (N 1000)



• **Specifications** 規格

Operation Temperature Range 操作溫度範圍	- 25°C ~ + 85°C
Rated Working Voltage (DC) 工作電壓	500V to 2000V ; 2KV~15KV are available.
Capacitance 電容值	Measured at 25°C, 1MHz, 1V rms. max.
Capacitance Tolerance 電容誤差值	1 pF ~ 9 pF: ± 0.25 pF (C) or ± 0.5 pF (D) 10 pF and above: ± 5% (J) or ± 10% (K)
Insulation Resistance 絕緣電阻值	10,000MΩ mim. at 500V DC test voltage, 60 sec.
Q (Quality Factor) 品質因子	Measured at 25°C, 1MHz, 1V rms. max. Q=1000 min, if C ≥ 30 pF Q ≥ 400+20C, if C < 30 pF (where C =capacitance)
Voltage Proof (Flash Test) 電壓防護 (with 50mA current, 1.5 sec.)	For 500V rating parts: Withstand 1,250V DC For 1KV & above rating parts: Withstand 200% of rated working voltage
Coating Material 封裝塗漆材質	For 500V to 2KV rating parts: Phenolic or epoxy resin coating For 3KV & above rating parts: Epoxy resin (meet UL 94V-0)

• Dimensions & Capacitance range 尺寸 & 電容值範

w.v. 電壓 (DC)	Dimemnsions 尺寸			Capacitance range(pF) of each Temperature Coefficient 各溫度係數之電容值			
	D	T	dφ	NPO	N750	SL	
500V	6	4	0.5	1 - 36	15 - 36	1 - 150	
	7	4	0.5	39 - 56	39 - 56	180 - 220	
	8	4	0.5	--	--	270 - 330	
	9	4	0.5	68 - 100	68 - 100	390 - 470	
	10	4	0.5	--	--	680	
	11	4	0.5	120 - 150	120 - 150	--	
	12	4	0.5	--	--	820	
	14	4	0.5	--	--	1000	
	1KV	6	5	0.6	--	--	1 - 33
		7	5	0.6	10 - 22	--	47
8		5	0.6	--	--	56	
9		5	0.6	27 - 62	--	82	
10		5	0.6	--	--	100	
12		5	0.6	68	--	150	
14		5	0.6	--	--	220	
16		5	0.6	--	--	330	
18		5	0.6	--	--	470	
2KV		7	6	0.6	4 - 20	--	1 - 33
	8	6	0.6	--	--	39 - 47	
	9	6	0.6	27 - 47	--	56	
	10	6	0.6	--	--	68 - 82	
	12	6	0.6	--	--	100	
	14	6	0.6	--	--	150	
	16	6	0.6	--	--	220	
	18	6	0.6	--	--	330	
	20	6	0.6	--	--	470	

2KV~15KV are available . 可提供耐電壓2KV~15KV