

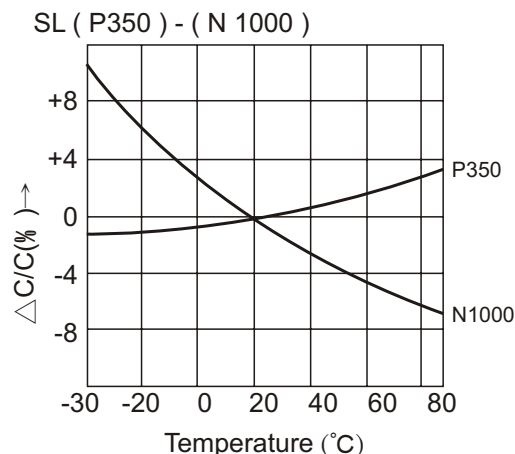
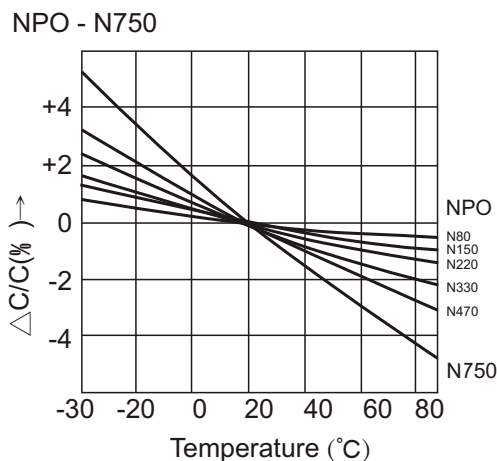
CERAMIC CAPACITORS

Temperature Compensating Series (Class I 50V~100V)

溫度補償型陶瓷電容器 (Class I 50V~100V)



Temperature characteristic curves 溫度特性曲線



Specifications 規格

Operation Temperature Range 操作溫度範圍	- 25°C ~ + 85°C
Rated Working Voltage (DC) 工作電壓	50V, 63V, 100V
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 min. at working 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	Withstand 250% of rated working voltage with 50mA current, 1.5 sec.
Life Test 壽命測試	200% of rated voltage at 85°C for 500 hours.
Applicable Standards 適用標準	EIA RS-198 (CLASS I), JIS C-6422 (TYPE I)

Dimensions & Capacitance range 尺寸 & 電容值範圍

Dimensions(mm) 尺寸		Capacitance range(pF) of each Temperature Coefficient 各溫度係數之電容值範圍					
D	F	NP0	N80	N150	N220	N750	SL
5	2.5 or 5.0	1 - 50	1 - 24	1 - 39	1 - 24	22 - 50	1 - 150
6	5.0	50 - 82	25 - 39	47 - 56	25 - 39	56 - 82	100 - 220
7	5.0	100 - 120	47 - 56	82 - 100	47 - 56	100 - 120	270 - 330
8	5.0	150 - 180	68	120 - 150	68	150 - 180	390 - 470
9	5.0	220	82	180 - 220	82	220	560 - 680
10	5.0	270	100	--	100	270	820 - 1000