



TEMPERATURE COMPENSATING CERAMIC CAPACITOR (CLASS I 50V ~100V)

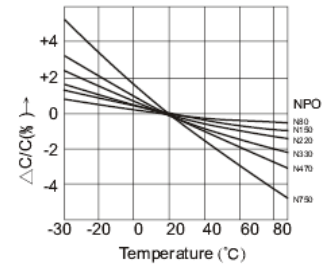
溫度補償型陶瓷電容器

Electronic Characteristics

Temperature characteristic curves

Operating Temperature Range	-25°C to +85°C
Capacitance	Within tolerance at 1MHz and 25°C
Capacitance Tolerance	0.5 to 10pF:±0.25pF, above 10pF: ±5 ±10 above
Rated Voltage	50, 100, VDC
Test Voltage	3 times rated voltage for 1.5 sec.
Insulation Resistance	10,000MR min at WVDC. 60 sec.

NPO - N750

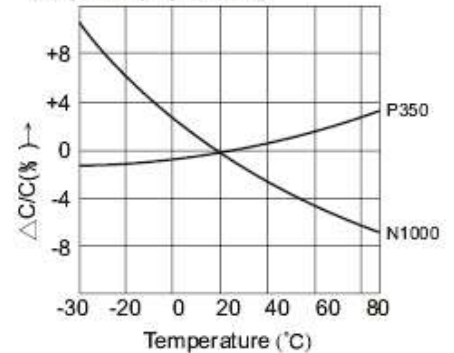


Temperature Coefficient

Code	T.C.	PPM/°C	EIA Code
CH	NPO	0 ± 60	COH
SL	N330 ± 500	+350 ~ -1000	S2L

Q Factor	<30PF...Q ≥ 400+ 20°C >30PF...Q ≤ 1000
Lift Test	1.5 times rated voltage at 85°C for 500hrs.

SL (P350) - (N 1000)



Capacitance Size and Tolerance

T.C.	Capacitance	Tolerance	D max (mm)	F (mm)	T.C.	Capacitance	Tolerance	D max (mm)	F (mm)
NPO	0.5 PF	C/D	6	2.5/5.0	NPO	200~220 PF	J/K	10	5.0
	1~9 PF	C/D	6	2.5/5.0		230~330 PF	J/K	11	5.0
	10~22 PF	J/K	6	2.5/5.0		300~330 PF	J/K	13	5.0
	68~82 PF	J/K	10	5.0	SL	20~180 PF	J/K	6	2.5/5.0
	83~100 PF	J/K	11	5.0		181~220 PF	J/K	7	2.5/5.0
	23~50 PF	J/K	6	2.5/5.0		221~390 PF	J/K	8	2.5/5.0
	51~68 PF	J/K	7	2.5/5.0		400~560 PF	J/K	9	5.0
	69~130 PF	J/K	8	2.5/5.0		561~680 PF	J/K	10	5.0
	150~180 PF	J/K	9	5.0		820 PF	J/K	11	5.0

C..... ± 0.25PF D.....: ± 0.5PF J.....: ± 5 K.....: ± 10