

Class I 50V ~ 100V

溫度補償型陶瓷電容器

Temperature Compensating Ceramic Capacitors



Electronic Characteristics

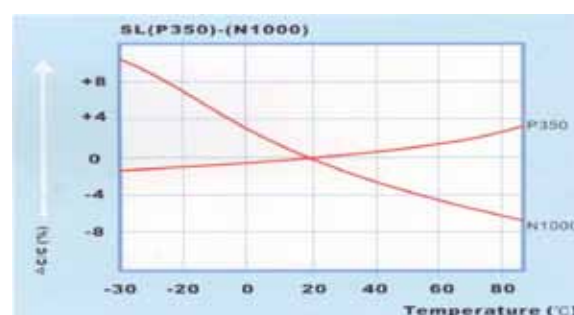
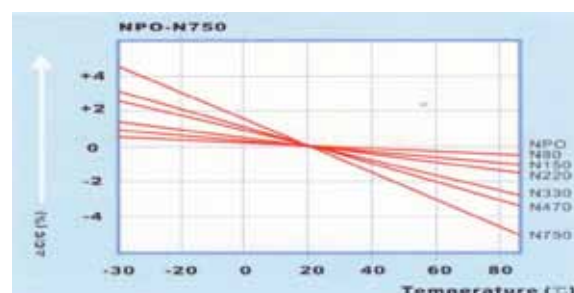
Operating Temperature Range	-25°C to +85°C
Capacitance	Within tolerance at 1MHz and 25°C
Capacitance Tolerance	0.5 to 10 pF: $\pm 0.25\text{pF}$, above 10pF: $\pm 5\%$ $\pm 10\%$ above
Rated Voltage	50, 100, VDC.
Test Voltage	2.5 times rated voltage for 1.5 sec.
Insulation Resistance	10,000 M Ω min at WVDC 60 sec.



Temperature Characteristic Curves

Temperature Coefficient

Code	T.C.	PPM/°C	EIA Code
CH	NPO	0 ± 60	CH
UJ	N750	-750 ± 120	U2J
SL	N330500	$+350 \sim 1000$	S2L
Q Factor		30PF... $Q \leq 400 + 20C$, >30PF $Q \geq 1000$	
Lift Test		1.5 times rated voltage at 85°C for 500 hours	



T.C.	Capacitance (PF)	Tolerance	D max (mm)	F (mm)
NPO	0.5~5	C / D	6	2.5/5.0
	5.6~22	J / K	6	2.5/5.0
	23~51	J / K	6	2.5/5.0
	56~82	J / K	7	2.5/5.0
	91~120	J / K	8	2.5/5.0
	130~180	J / K	9	5.0
	200~220	J / K	10	5.0
	240~330	J / K	11	5.0
	390	J / K	12	5.0
	470	J / K	15	5.0
N750	10~51	J / K	6	2.5/5.0
	56~82	J / K	7	2.5/5.0
D... $\pm 0.5\text{PF}$ J... $\pm 5\%$ K... $\pm 10\%$				

T.C.	Capacitance (PF)	Tolerance	D max (mm)	F (mm)
N750	91~130	J / K	8	2.5/5.0
	140~180	J / K	9	5.0
	200~220	J / K	10	5.0
	230~270	J / K	11	5.0
	300~330	J / K	12	5.0
	390	J / K	13	5.0
SL	27~150	J / K	6	2.5/5.0
	181~220	J / K	7	2.5/5.0
	240~330	J / K	8	2.5/5.0
	350~470	J / K	9	5.0
	561~680	J / K	10	5.0
	820	J / K	11	5.0
Unit:PF				