

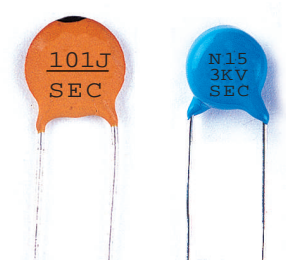


S U C C E S S

TC (TEMPERATURE COMPENSATING) TYPE - CLASS 1

Applications:

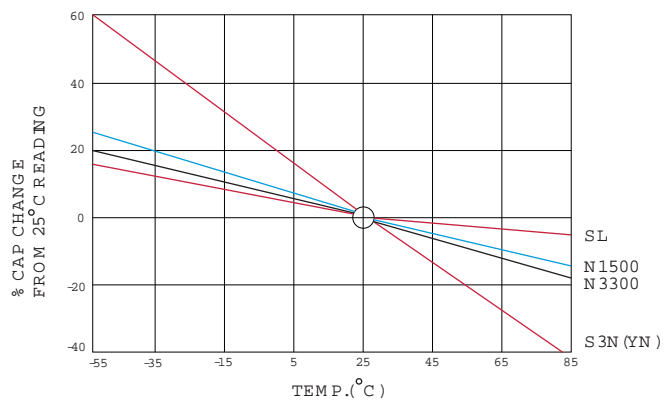
- Resonant circuit
- High Q requirement
- High stability Cap. Char.



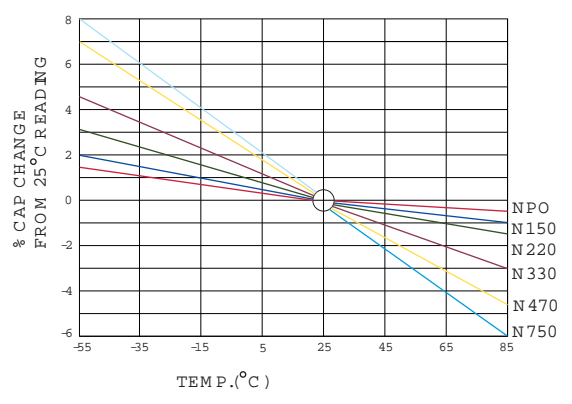
Specifications:

Capacitance (C)	Range	0.5pF~1200pF measured at 1MHz±10% ,1.0~5.0Vrms,25°C					
	Tolerance	Code	C	D	J	K	M
			±0.25pF	±0.5pF	±5%	±10%	±20%
Quality Factor (Q)	NPO ~N750 S2L(SL)	C ≥ 30pF	Q ≥ 1000				
		C < 30pF	Q ≥ 400+20XC				
	N3300~N4700 S3N(YN)	C ≥ 30pF	Q ≥ 500				
		C < 30pF	Q ≥ 200+10XC				
Insulation Resistance (IR)	10,000Ω Min measured at W.V.DC but not exceeding 500VDC						
Voltage	Working Voltage (W.V.)	12VDC~15KVDC					
	Test Condition	W.V. < 1KV	Test Voltage	Time	Current		
		W.V. = 1KV	2.5XW.V.	1~5sec.	<50mA		
		W.V. > 1KV	2.0XW.V.	1~5sec.	<50mA		
		W.V. ≥ 3KV	1.75XW.V.	1~5sec.	<50mA		
		W.V. ≥ 10KV	1.5XW.V.	1~5sec.	<50mA		
Capacitance Temp. characteristic Range	-55°C ~ +85°C (Operating Temp Range ~ +125°C)						
Encapsulation	W.V. ≤ 1KV	Phenolic resin coated with wax impregnated					
	W.V. > 1KV	As mentioned or epoxy coated					
Markings	Capacitance	Shown on each piece					
	Working Voltage						
	Trade Mark (SEC)						
	Tolerance	Depending on the diameter of disc and the requirements.					
	Temp. Coef						
	Others						

Typical Example of Temperature characteristics



NPO ~N750 SL#350~N1000





Dimensions(mm):

w.v.	12~100V						500V						1KV							
Char.	NPO		N150		S2L S3N (SL) (YN)		NPO		N150		S2L S3N (SL) (YN)		NPO		N150		S2L S3N (SL) (YN)			
	N220	N330	N750	N1500	N3300	N220	N330	N750	N1500	N3300	N220	N330	N750	N1500	N3300	N220	N330	N750	N1500	
1																				
5																				
10																				
12																				
15																				
18																				
20	5.5	5.5	5.5					6.5						6.5			6			
22																				
25																				
27																				
30																				
33				5.5				7.5						7.5			7			
40																				
47																				
50								8.5						8.5			8		7.5	
53	6.5	6.5																		
56																				
60				6.5		5.5														
68								10						10			9			
72																				
82																				
90				6.5																
100	9.0							11						11			10			
120						5.5														
130																				
150	10			8.5										12			11			
180																				
200																				
220	11	11	10	11	6.5									15			13	12	10	8
250																				
300																				
330	12			12	7.5	6.5	15													
400																				
470																				
500	15			15	8.5	7.5														
560																				
680																				
820																				
1000																				
1200																				
Thickness	4.0M ax						4.0M ax						4.5M ax							

w.v.	2KV				3KV				5KV				10KV				15KV				
Char.	SL(NPO)		S3N		SL(NPO)		S3N		SL(NPO)		S3N		SL(NPO)		S3N		SL(NPO)		S3N		
	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	F	Max. Dia.	
5	5.0	6			5.0	6			9.5	8			9.5	20			9.5	23			
10	5.0	6			5.0	6			9.5	8			9.5	22			9.5	25			
20	5.0	6			5.0	6			9.5	8			9.5	26			9.5	28			
50	5.0	6			6.35	7			9.5	10											
80	6.35	8	6.35	7	6.35	9	6.35	9	9.5	12	6.35	10					9.5	20.5		9.5	23
100	6.35	8	6.35	7	6.35	9	6.35	9	9.5	12	6.35	10									
120	6.35	10	6.35	9	6.35	12	6.35	9	9.5	14	6.35	10									
150	6.35	10	6.35	9	6.35	12	6.35	11	9.5	14	6.35	10									
200	6.35	12	6.35	9	6.35	15	6.35	11	9.5	20	6.35	13									
250	6.35	12	6.35	9	9.5	15	6.35	11	9.5	20	6.35	14									
300	6.35	12	9.5	12	9.5	15	6.35	11	9.5	20	6.35	14									
390	9.5	18	9.5	12	9.5	19															
560	9.5	18	9.5	20	19																
Thickness	5.0m ax.				6.5m ax.				8.0m ax.				12.0m ax.				15.0m ax.				

EIA code	Common code	ppm /°C
COG	NPO	0±30
COH	NPO	0±60
U2J	N750	-750±120
S3L	N3300	-3300±500
	(SL)	+350~ -1000
S3N	(YN)	-3300±2500