PART NUMBER DESIGNATION

YP 103 K 1H 5 P

TEMP. CHA.	
C(O.H)	NPO
SL	SL
YP	Y5P(B)
YT	Y5T(D)
YU	Y5U(E)
YV	Y5V(F)
ZU	Z5U(E)
ZV	Z5V(F)

CAP.	
010	1PF
120	12PF
331	330PF
472	4700PF
103	0.01uF
104	0.1uF

TOL.	
A	±0.1PF
B	±0.15PF
C	±0.25PF
D	±0.5PF
J	±5%
K	±10%
M	±20%
Z	+80-20%

W.V.	
1E	25V
1H	50V
3A	1KV
3D	2KV
3F	3KV
3J	6KV(6.3KV)
3K	8KV
4A	10KV
4C	15KV
2BA	125VAC
2EA	250VAC
2GA	400VAC

L.SPACING	
3	2.5 ± 0.8
5	5.0 ± 0.8
6	6.35 ± 0.8
7	7.5 ± 0.8
9	10.0^{+2}_{-1}

REMARKS	
I	IN-KINK LEADS
O	OUT-KINK LEADS
S	SHORT LEADS
P	EPOXY COATING
T	TAPING IN BOX
TR	TAPING IN REEL
NO REM	

STRAIGHT LEADS
BULK PACKING
LEADS LENGTH 25MM MIN
PHENOLIC RESIN COATING

SPECIFICATION

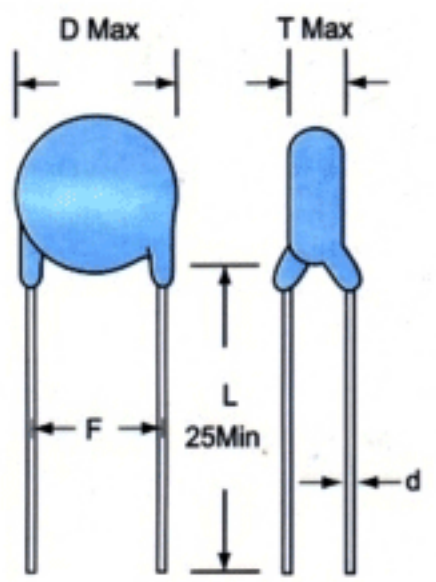
1. TEMPERATURE CHARACTERISTICS:

TEMP. RANGE	
Y5	-25℃ ~ +85℃
Z5	+10℃ ~ +85℃

TEMP.CHARAC.	CO	SL (ppm/℃)	B	D	E	F
CAP. CHANGE RATE	NPO	P 350~ N1000	±10%	+20 -30 %	+20 -55 %	+30 -80 %

2. CAPACITANCE MEASURING CONDITIONS:

B D E F	1KHZ	20℃ 1.0VRMS
NPO SL	1MHZ	

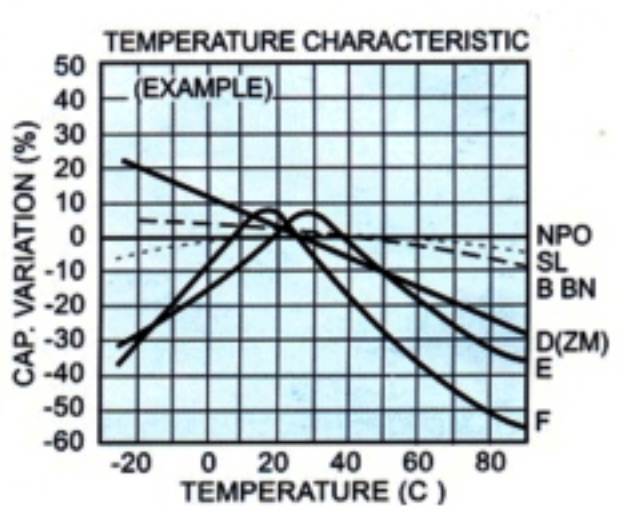


3. CAPACITANCE TOLERANCE:

J	±5%	K	±10%	M	±20 K	Z	+80-20%
A	±0.1PF	B	±0.15PF	C	±0.25PF	D	±0.5PF

4. INSULATING RESISTANCE (I.R.):
10000MΩ MIN. AT 500V FOR 1 MINUTE.

5. DISSIPATION FACTOR (D.F.): 2.5% MAX. FOR B/E/F
Q VALUE : (30PF & UP) 1000 MIN. FOR NPO/SL
(30PF UNDER: ≧ 400 +20C, C=CAP.)



6. DIELECTRIC STRENGTH: TESTING 1- 5 SECONDS

RATED W.V.	500V	1~2KV	3~5KV	6~15KV
TEST VOLTAGE	300%	200%	175%	150%