

DISC CERAMIC CAPACITORS



Test condition and specification :

1. Capacitance(c):Not exceed cap.tol,1MHZ and 25±2

Capacitance Tolerance	
Capacitance	Adapted tolerance
1-9PF	±0.25PF(C)and±0.5pf(D)
10PF and above	±5%(J)and±10%(K)

2. Quality factor: (C:PF)

Capacitance	Q value
30PF and over	≥1000
less than 30PF	≥400+20XC

3. Insulation resistance : IR>10³MΩ min,at working voltage for 1 minute

4. Dielectric Withstanding Voltage:at 3 times of working voltage

5. Color code :

T.C	color	T.C	color
NPO(C)	Black	N220(R)	Yellow
N80(L)	Red	N330(S)	Green
N150(P)	Orange	N470(T)	Blue
		N750(U)	Violet

CCI-50V disc capacitors size and tolerance

T.C.	Capacitance	Tolerance	Dmax	F
NPO	0.5 PF	C/D	5.5	2.5/5.0
	1-5 PF	C/D	5.5	2.5/5.0
	6-7 PF	D/F	5.5	2.5/5.0
	8-15 PF	D/F/J/K	6.0	2.5/5.0
	16-25 PF	J/K	7.0	2.5/5.0
	26-39 PF	J/K	7.0	5.0
	40-56 PF	J/K	7.5	5.0
	58-125 PF	J/K	7.5	5.0
	126-146 PF	J/K	8.0	5.0
	150-200 PF	J/K	9.2	5.0
N750	15-35 PF	J/K	5.5	2.5/5.0
	36-56 PF	J/K	5.5	2.5/5.0

	56-86PF	J/K	6.0	2.5/5.0
	87-125PF	J/K	7.0	2.5/5.0
	126-180PF	J/K	8.0	5.0
	181-220PF	J/K	9.0	5.0
	221-226PF	J/K	10.0	5.0
	228-330PF	J/K	11.0	6.35
SL	35-100 PF	J/K	5.5	2.5/5.0
	101-150 PF	J/K	6.0	2.5/5.0
	151-250 PF	J/K	7.5	5.0
	251-375 PF	J/K	7.5	5.0
	376-560PF	J/K	9.0	5.0

C... : ±0.25PF
D... : ±0.5PF
F... : ±1PF
J... : ±5%
K... : ±10%