



TMCC01 Ceramic Disc Capacitor

Specification

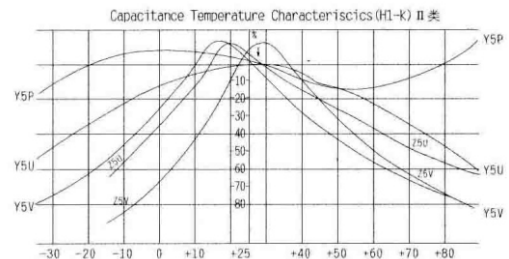
- **Capacitance:** Under 1KHz and $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, $V_{\text{rms}}=1.0\text{V}$ conditions, not exceed capacitance tolerance.
- **Dissipation factor(D.F.):** MAX 2.5%
- **Insulation resistance:** At working voltage for 1 minute, $I.R. \geq 4000\text{M}\Omega$.
- **Test voltage:** At 2.5 times of working voltage.



Capacitor range and diameter

Capacitance Range						Dmax (mm)	F
DC50V			DC500V				
2B ₄ (Y5P)	2E ₄ (Y5U,Z5U)	2F ₄ (Y5V,Z5V)	2B ₄ (Y5P)	2E ₄ (Y5U,Z5U)	2F ₄ (Y5V,Z5V)	4-5.0	A.B
221-152	222-472	472--103	101-102	202-222	202-222	6.0	
182-272	502-103	103-203	122	272	272-472	7.0	
302-392	-	203-223	152-182	392-472	-	8.0	A.B.E
472-682	-	-	152-182	-	103	9.0	
103	203-223	-	-	-	-	10.0	
-	-	-	272-332	103	-	12.0	E
-	-	-	472	-	223	14.0	
-	-	-	103	223	-		

Temp range	Letter symbol	Max. cap. change	Letter symbol
+10-+85°C	Z5	±4.7%	E
		±10%	P
+30-+85°C	Y5	±15%	R
		+22%.-56%	U
+55-+85°C	X5	+22%.-82%	V



DC(V)	
C	12
D	16
E	25
F	50
H	100
K	250
L	500

Diameter is expressed in 2 digit and if diameter has a decimal, raise it to a unit. (ex)

Dia	Code
6.0	6
7.4	8

CODE	SHAPE
1	长直线型
3	短直线型
4	单内弯
5	双弯
6	青蛙脚型

CODE	SPACE
A	2.5
B	5.0
E	7.6

CAP	CODE
560PF	561
1000PF	102
10000PF	103

TOL	CODE
±10%	K
±20%	M
+50%	S
-20%	
+80%	Z
-20%	

