

CLASS || High Dielectric Constant Ceramic Capacitors

Specification

Temp. Range : -25 ~ +85°C(Y class)

Capacitance : Measured at 1KHz, 1 Vrms and 20 °C ± 2°C

Testing Voltage

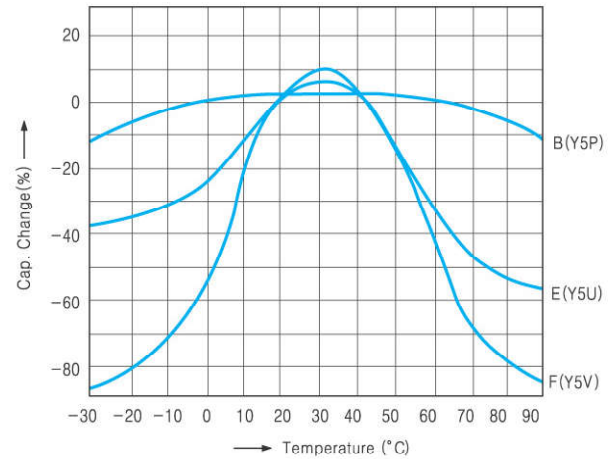
R.V	50V DC	500V DC	1~2KV DC	3KV DC	4~KV DC
T.V	R.V×3	R.V×2.5	R.V×2	R.V×1.75	R.V×1.5

Insulation Resistance : 10,000MΩ or 200MΩ · μF Whichever less at Rating Voltage for 1minute

Dissipation Factor(tanδ)

T.C	B	E	Fz
tanδ	2.5% Max.	2.5% Max.	5.0% Max.

Temp. Char.



Capacitance Value According to Type(μF)

T.C R.V	Capacitance(μF)			Dimensions(mm)				Part No. (How to order)	Marking
	Y5P(B)	Y5U(E)	Y5V(F)	D	T	F	Ød		
50V DC	150, 180, 220, 270, 330, 390, 470, 560, 680	-	2200, 3300	4.0	3.5	5.0(2.5)	0.50	CK * 1H *** 04 **	
	100, 120, 820, 1000, 1200, 1500	-	1000, 15000, 4700	5.0	3.5	5.0(2.5)	0.50	CK * 1H *** 05 **	
	1800, 2200	-	5600, 10000	6.3	3.5	5.0	0.50	CK * 1H *** 06 **	
	2700, 3300, 3900, 4700, 5600	-	15000, 22000, 27000	8.0	3.5	5.0	0.50	CK * 1H *** 08 **	
	6800, 8200	-	3300, 40000	10.0	3.5	5.0	0.50	CK * 1H *** 10 **	
	10000	-	47000	12.5	3.5	5.0	0.50	CK * 1H *** 12 **	
500V DC	120, 150, 180, 220, 270, 330, 390, 470, 560, 680	-	2200	5.0	4.0	5.0	0.50	CK * 2H *** 05 **	
	100, 820, 1000, 1200, 1500	1000	1000, 4700	6.3	4.0	5.0	0.50	CK * 2H *** 06 **	
	1800, 2200	2200	10000	8.0	4.0	5.0	0.50	CK * 2H *** 08 **	
	2700, 3900	4700	-	10.0	4.0	5.0	0.50	CK * 2H *** 10 **	
	4700, 5600, 6800	6800	20000, 22000	12.5	4.0	5.0	0.50	CK * 2H *** 12 **	
	8200, 10000	10000	-	16.0	4.0	10.0	0.60	CK * 2H *** 16 **	