

# Super High Voltage Ceramic Disc Capacitor

PC26 have feature of withstanding higher voltage. These capacitors are used in bypass and coupling circuits. Therein the higher voltage disc capacitors with low dissipation factor particularly suit to use in the circuits such as line scanning in TV set.

## Specification

- \* Operating Temperature: -25 to +85°C
- \* Capacitance: under 1KHz (class 2) and 1MHz (class 1) and 25°C +/-2°C, (Vrms= 1.0V conditions, not exceed capacitance tolerance)
- \* Dissipation Factor: SL, YL Q>1000  
 Y5P, Y5U, Y5V D.F. <2.5%  
 Bn D.F. <0.5%      2R D.F. <0.1%
- \* Insulation Resistance: At 500VDC voltage for 1 minuteΩ  
 Class 1 - I.R ≥ 10000MΩ  
 Class 2 - I.R ≥ 4000MΩ
- \* Testing Voltage: Ur <6KV, Ut=1.5Ur+500V  
 Ur ≥6KV, Ut=1.5xUr



## Capacitor Range And Diameter

DC	Dimension		Temperature Characteristic				Lead Diameter (mm)	Lead Spacing (mm)
	D.max	T.max	SL	Y5P	Y5U	Y5V		
			Nominal Capacitance (pF)					
4KV	6.5	6.5	10 ~ 33	100 ~ 270			0.65 +/-0.1	7.5 +/-0.2
	7.5		39, 47	330 ~ 470				
	8.5		56, 68	560	1000, 1200			
	9.3		82, 100	680, 820	1500			
	10.0							
	11.0		120	1000, 1200	2200			
	11.8		150	1500	2700			
	13.5		180, 220	1800	3300		10.0 +/- 2.0	
	14.2		270	2200	4700			
	16.0		330		5600			
	17.5				6800			
	19.0				8200			
0.8 +/-0.1								
6.3KV	7.5	7.0	10 ~ 22	100 ~ 330			0.65 +/-0.1	10.0 +/- 2.0
	8.5		33	390, 470	680, 820	1000		
	9.3		47	560	1000	1500		
	10.0							
	11.0		68	680, 820	1500	2200, 3300		
	11.8		100	1000				
	13.5		120	1200	2200, 2700	4700	0.8 +/-0.1	
	14.2		150	1500				
	16.0		180	1800	3300	6800		
	17.5			2200				
	19.0				4700	8200		
	0.8 +/-0.1							
8KV	8.5	8.0		100 ~ 330			0.65 +/-0.1	10.0 +/- 2.0
	9.3			390, 470	330 ~ 680			
	10.0							
	11.0			560	1000, 1500			
	11.8			680				
	12.5							
	13.5			820, 1000			0.8 +/-0.1	
	14.2			1200	2200			
	15.0							
	16.0			1500	2700			
	17.5				3300			
	0.8 +/-0.1							

DC	Dimension		Temperature Characteristic				Lead Diameter (mm)	Lead Spacing (mm)
	D.max	T.max	SL	Y5P	Y5U	Y5V		
			Nominal Capacitance (pF)					
10KV	9.3	8.5		100 ~ 390	470 ~ 680	1000	0.65 +/-0.1	10.0 +/- 2.0
	10.0							
	11.0			470, 560	820, 1000	1500		
	11.8			680		2200	0.8 +/-0.1	
	12.5							
	13.5			820	1500	2700		
	14.2			1000		3300		
	15.0							
	16.0			1200	2200, 2700			
	17.5			1500		4700		
	19.0				3300			
12KV	9.3	9.0		100 ~ 330	470, 560		0.65 +/-0.1	10.0 +/- 2.0
	10.0							
	11.0			390, 470	680, 820			
	11.8			560	1000		0.8 +/-0.1	
	12.5							
	13.5			680, 820				
	14.2							
	15.0							
	16.0			1000	2200			
	17.5							
	19.0				2700			
15KV	9.3	10.0		100 ~ 220			0.8 +/-0.1	10.0 +/- 2.0
	10.0							
	11.0			270, 330				
	11.8			390, 470				
	12.5							
	13.5			560				
	14.2			680				
	15.0							
	16.0			820				
	17.5			1000				
	19.0			1200				
Caapacitance Tolerance (%)			5%, 10%	10%, 20%	20%	20%, +80-20%		

Reference:

super high-V capacitor

super high-V capacitors

Super High-V c.capacitor

Super High-V c.capacitors

Super High-Voltage c.capacitor

Super High-Voltage c.capacitors

Super High-Voltage ceramic.capacitor

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