

PC27 have dielectric of high dielectronic constant ceramic and encapsulation of flame retardant epoxy. These capacitors are used in circuits of noise suppression circuit of power supply for general electronic equipment, and may be used as antenna coupling, crossing and bypass circuit.

## Specification

- \* Operating Temperature: -25 to + 125°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: Max. 2.5%
- \* Insulation Resistance: At 100VDC for 1 min, IR ≥ 6000MΩ
- \* Testing Voltage: Y1:Ut=8KVDC or Ut=4KVAC  
Y2:Ut=5KVDC or Ut=1.5KVAC  
X1:Ut=4KVDC



### Double Insulation or Reinforced Insulation (250VAC, 400VAC)

Capacitance (pF)	Temperature Characteristic	Tolerance	Dimension (mm)		
			D (max)	Pitch	Thickness
100	Y5P (10%)	10%	8	9.5	6
220			8		
330			8		
470			9		
560			10		
1000			11		
1000	Y5U (+22~-56%)	20%	9	9.5	6
1500			11		
2200			13		
3300			15		
4700			18		
1000	Y5V (+22~-82%)	20% +80-20%	8	9.5	6
1500			8		
2200			10		
3300			11		
4700			12		

### Basic insulation or Reinforced Insulation (250VAC, 400VAC)

Capacitance (pF)	Temperature Characteristic	Tolerance	Dimension (mm)		
			D (max)	Pitch	Thickness
100	Y5P (10%)	10%	8	7.6	5
220			8		
330			8		
470			8		
560			8		
1000			10		
1000	Y5U (+22~-56%)	20%	8	9.5	5
1500			9		
2200			10		
3300			12		
4700			16		
1000	Y5V (+22~-82%)	20% +80-20%	8	7.6	5
1500			8		
2200			8		
3300			9		
4700			11		
10000			14		

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