

# SCY Y1/Y2 Safety Standard Ceramic Capacitor

# Semec

RoHS

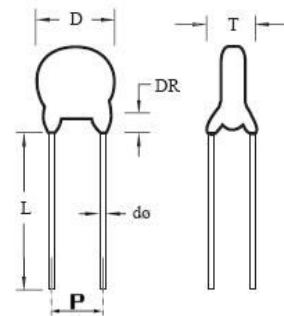
## Features

- Safety standard recognized
- Compact size & cost effective
- Widely used in cross the line applications



## Specifications

Operating Temperature	-40°C ~ + 85°C
Rated Voltage	AC 250, 400V
Capacitance Range	100pF to 0.01uF
Capacitance Tolerance	±10%, ±20%, +80-20%
Insulation Resistance	R ≥ 6000MΩ at 100VD in 1 minute
Dissipation Factor	Max 2.5% ( at 1KHZ , 20°C)
Testing Voltage	4KVAC for 60 seconds ( Y1: 400VAC) 1.5KVAC for 60 seconds ( Y2: 250VAC)



400VAC pF	Temp. Char	TOL	DIMENSION (mm)	
			D. MAX	P±1mm
100-220 pF	2B ±10% (Y5P)	±10%	6.5	10
330 PF			8	10
470 PF			9	10
680PF			10	10
1000 PF			12	10
330-470 PF	2E +30~ -80% (Y5U)	±10%	6.5	10
1000 PF			8	10
1500 PF			10	10
2200 PF			12	10
3300 PF			15	10
4700 PF			17	10
1000 PF			2F +30~ -80% (Y5V)	±20%
1500 PF	8	10		
2200 PF	9	10		
3300 PF	11	10		
4700 PF	13	10		

250VAC pF	Temp. Char	TOL	DIMENSION (mm)	
			D. MAX	P±1mm
100-330 pF	2B ±10% (Y5P)	±10%	6.5	7.5
470 PF			6.5	7.5
560 PF			8	7.5
680PF			9	7.5
1000 PF			10	7.5
1000 PF	2E +30~ -80% (Y5U)	±20%	8	7.5
1500 PF			9	7.5
2200 PF			10	7.5
3300 PF			12	10
4700 PF			14	10
1000 PF	2F +30~ -80% (Y5V)	±20%	6.5	7.5
1500 PF			6.5	7.5
2200 PF			8	7.5
3300 PF			9	7.5
4700 PF			11	7.5
10000 PF			14	10

\* The spec is subject to change without notice. Please contact us if any further queries.