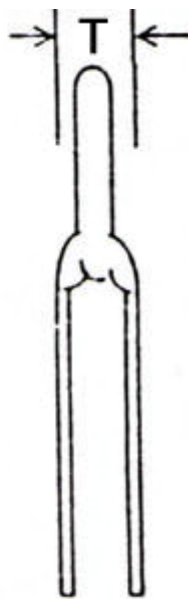
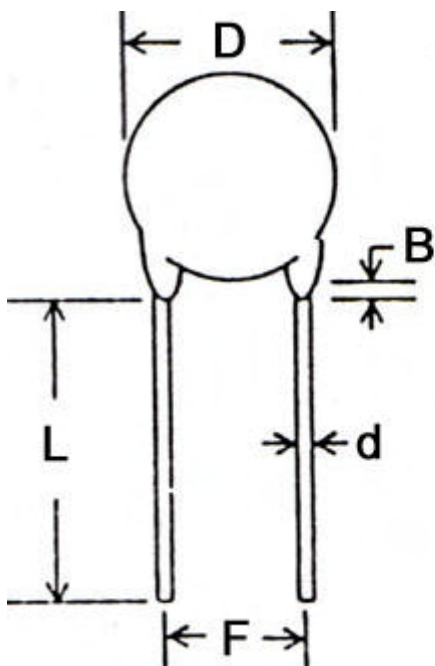


**SCY1, SCY2 Series Safety Recognized Ceramic Capacitor**

Specifications	
Operating Temperature	-25°C to +85°C
Capacitance Range	100pF to 10000pF (Y2 series) 100pF to 4700pF (Y1 series)
Capacitance Tolerance	K=± 10%, M=± 20%
Rated voltage	250VAC, 400VAC
Temperature Coefficient	± 10% for Y5P, +30% to -80% for Y5V (Y2 series) ± 10% for Y5P, +20% to -55% for Y5U (Y1 series)
Dissipation Factor (tand)	Y5P: 2.5% max at 25°C and 1KHz, 1±0.2 Vrms Y5V: 5% max at 25°C and 1KHz, 1±0.2 Vrms (Y2 series) Y5U: 2.5% max at 25°C and 1KHz, 1±0.2 Vrms (Y1 series)
Insulation Resistance at 25°C	10000Mohm at 500VDC for 1 minute
Dielectric Strength	2600VAC for 60 seconds (Rated voltage: 400VAC) -Y2 series 4000VAC for 60 seconds (Rated voltage: 400VAC) -Y1 series



Dimensions and Tolerance:

B = 3.0 mm max

d = 0.60 mm ±0.05 mm

F = 7.5 or 9.5 ±0.8 mm (Y2 Series)

F = 9.5 ±0.8 mm (Y1 Series)

L = 5 ~ 25 mm

**SCY1 Series**

- Special size or items on request.
- Tolerance Dimension  $\pm 0.5$  mm.

T.C.	CAP.	TOL.	D	Dimension (mm)	T
± 10% (Y5P)	100PF	K± 10%	8	9.5± 0.8	8
	150PF		8	9.5± 0.8	8
	220PF		8	9.5± 0.8	8
	330PF		9	9.5± 0.8	8
	470PF		10	9.5± 0.8	8
	560PF		10	9.5± 0.8	8
	680PF		12	9.5± 0.8	8
	1000PF		14	9.5± 0.8	8
+20 ~ -55% (Y5U)	1000PF	M± 20%	8	9.5± 0.8	8
	1500PF		9	9.5± 0.8	8
	2200PF		12	9.5± 0.8	8
	3300PF		14	9.5± 0.8	8
	3900PF		14	9.5± 0.8	8
	4700PF		16	9.5± 0.8	8

**SCY2 Series**

- Special size or items on request
- Tolerance Dimension  $\pm 0.5$  mm.

T.C.	CAP.	TOL.	D	Dimension (mm)	T
± 10% (Y5P)	100PF	K± 10%	8	7.5± 0.8	5
	150PF		8	7.5± 0.8	5
	220PF		8	7.5± 0.8	5
	330PF		8	7.5± 0.8	5
	470PF		8	7.5± 0.8	5
	560PF		10	7.5± 0.8	5
	680PF		10	7.5± 0.8	5
	1000PF		12	7.5± 0.8	5

+30 ~ -80% (Y5V)	1000PF	M± 20%	8	7.5±0.8	5
	1500PF		8	7.5±0.8	5
	2200PF		9	7.5±0.8	5
	3300PF		10	7.5±0.8	5
	3900PF		12	7.5±0.8	5
	4700PF		12	7.5±0.8	5
	6800PF		16	9.5±0.8	5
	8200PF		16	9.5±0.8	5
	10000PF		18	9.5±0.8	5

**PART NUMBERING EXPLANATION**

