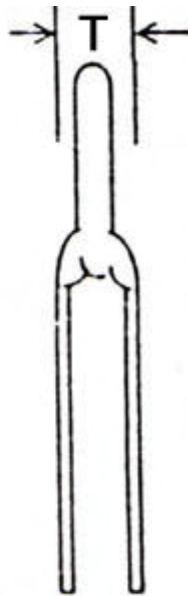
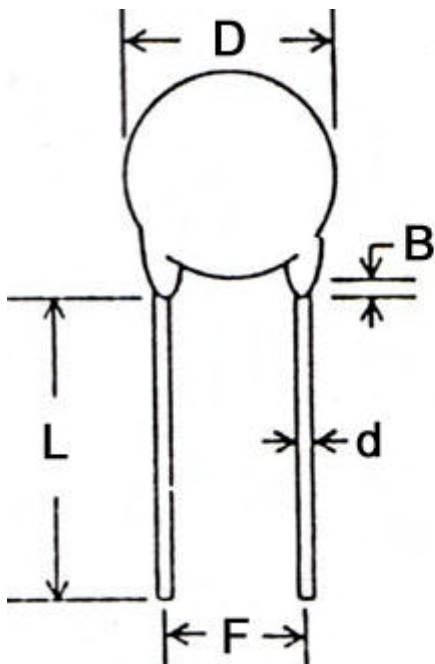


SCY1, SCY2 Series Safety Recognized Ceramic Capacitor

| 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 ± 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 ± 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

