

NON – INDUCTIVE, EPOXY DIP COATED, HIGH MOISTURE RESISTANCE

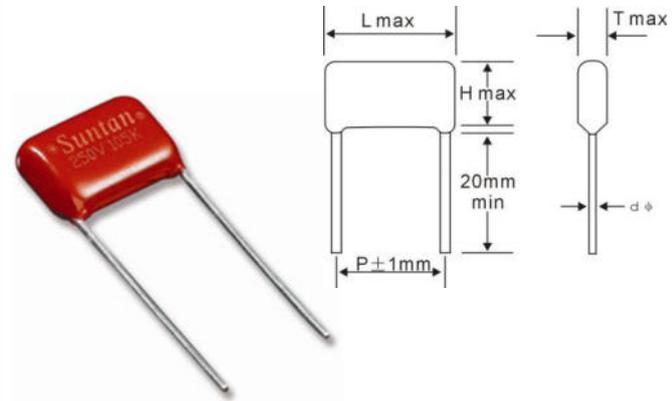
FEATURES

TS07

- Highly reliable because of its excellent Self-Healing performance.
- Dissipation Factor is normally low and it is stable against high frequency and change of temperature.
- Recommended for high-frequency circuits like s-curve compensating circuit.

SPECIFICATIONS

| | |
|-----------------------|---|
| OPERATING TEMPERATURE | -40°C TO + 85°C |
| RATED VOLTAGE | DC 100V, 250V, 400V, 630V |
| CAPACITANCE RANGE | 0.01 TO 8.2Mfd |
| CAPACITANCE TOLERANCE | ±5%, ±10%, ±20% |
| INSULATION RESISTANCE | $U_R > 100V \quad C \leq 0.33\mu F \quad IR \geq 25000M\Omega$ |
| | $C > 0.33\mu F \quad IR \geq 7500s$ |
| | $U_R \leq 100V \quad C \leq 0.33\mu F \quad IR \geq 12500M\Omega$ |
| | $C > 0.33\mu F \quad IR \geq 3750s$ |
| DISSIPATION FACTOR | ≤0.001 at 1KHz (Typical 0.002 Max) |



| VDC Mfd | 100 VDC (2A) | | | | | 250 VDC (2E) | | | | |
|-------------|--------------|------|------|-----|------|--------------|------|------|-----|------|
| | L | T | H | d | P | L | T | H | d | P |
| 0.01 | 13 | 5 | 8.5 | 0.6 | 10 | 13 | 5 | 8.5 | 0.6 | 10 |
| | 10 | 5 | 8 | 0.6 | 7.5 | 10 | 5 | 8 | 0.6 | 7.5 |
| 0.012 | 13 | 5.5 | 8.5 | 0.6 | 10 | 13 | 5.5 | 8.5 | 0.6 | 10 |
| | 10 | 5 | 8.7 | 0.6 | 7.5 | 10 | 5 | 8.7 | 0.6 | 7.5 |
| 0.015 | 13 | 6 | 9 | 0.6 | 10 | 13 | 6 | 9 | 0.6 | 10 |
| | 10 | 5.5 | 9 | 0.6 | 7.5 | 10 | 5.5 | 9 | 0.6 | 7.5 |
| 0.022 | 13 | 6 | 9 | 0.6 | 10 | 13 | 6 | 9 | 0.6 | 10 |
| | 10 | 5.5 | 9 | 0.6 | 7.5 | 10 | 5.5 | 9 | 0.6 | 7.5 |
| 0.027 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| | 10 | 6 | 9 | 0.6 | 7.5 | 10 | 6 | 9 | 0.6 | 7.5 |
| | | | | | | 18 | 6 | 10.5 | 0.6 | 15 |
| 0.033-0.036 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| | 10 | 6 | 10 | 0.6 | 7.5 | 10 | 6 | 10 | 0.6 | 7.5 |
| 0.039 | 13 | 7 | 10.5 | 0.6 | 10 | 13 | 6 | 10.5 | 0.6 | 10 |
| | 10 | 6 | 10.5 | 0.6 | 7.5 | 10 | 6 | 10.5 | 0.6 | 7.5 |
| 0.047 | 13 | 6.5 | 10.5 | 0.6 | 10 | 13 | 5.7 | 10 | 0.6 | 10 |
| | 10 | 5.5 | 9.5 | 0.6 | 7.5 | 10 | 5.5 | 9.5 | 0.6 | 7.5 |
| 0.056 | 10 | 6 | 10 | 0.6 | 7.5 | 10 | 6 | 10 | 0.6 | 10 |
| 0.068 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| 0.1 | 13 | 6 | 10.5 | 0.6 | 10 | 13 | 6 | 10.5 | 0.6 | 10 |
| | 10 | 6 | 10 | 0.6 | 7.5 | 10 | 6 | 10 | 0.6 | 7.5 |
| 0.15 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| | 10 | 6.5 | 11.5 | 0.6 | 7.5 | 10 | 6.5 | 11.5 | 0.6 | 7.5 |
| 0.22 | 13 | 6.5 | 11.5 | 0.6 | 10 | 13 | 6.5 | 11.5 | 0.6 | 10 |
| | 10 | 6.5 | 10.5 | 0.6 | 7.5 | 18 | 6 | 11 | 0.6 | 15 |
| | 18 | 6 | 11 | 0.6 | 15 | | | | | |
| 0.33 | 18 | 6 | 11 | 0.6 | 15 | 18 | 9 | 14 | 0.8 | 15 |
| 0.47 | 18 | 10.5 | 15 | 0.8 | 15 | 18 | 10.5 | 15 | 0.8 | 15 |
| | 18 | 9 | 14 | 0.8 | 15 | 23 | 7.5 | 13 | 0.6 | 20 |
| 0.68 | 23 | 6.5 | 13 | 0.6 | 20 | 23 | 8 | 15.5 | 0.8 | 20 |
| 1.0 | 23 | 8 | 14 | 0.8 | 20 | 23 | 10 | 16.5 | 0.8 | 20 |
| | 18 | 7.5 | 12.8 | 0.6 | 15 | 24 | 11 | 17 | 0.8 | 22.5 |
| | 23 | 10 | 16.5 | 0.8 | 20 | | | | | |
| 1.2 | 23 | 11 | 17.5 | 0.8 | 20 | 23 | 17.5 | 11 | 0.8 | 20 |
| | 23 | 8.5 | 15 | 0.8 | 20 | 24 | 11.5 | 19 | 0.8 | 22.5 |
| | 18 | 8.5 | 13.5 | 0.8 | 15 | | | | | |
| 1.5 | 18 | 8.5 | 15.5 | 0.8 | 15 | 24 | 12 | 17.5 | 0.8 | 22.5 |
| | 23 | 7.5 | 14 | 0.6 | 20 | 23 | 11.5 | 17.5 | 0.8 | 20 |
| | 30 | 10 | 17.5 | 0.8 | 27.5 | 30 | 10 | 17.5 | 0.8 | 27.5 |
| 2.2 | 23 | 8.5 | 15.5 | 0.8 | 20 | 24 | 13.5 | 21 | 0.8 | 22.5 |
| | 30 | 11.5 | 20.5 | 0.8 | 27.5 | 30 | 11.5 | 20.5 | 0.8 | 27.5 |
| 3.3 | 23 | 11 | 17 | 0.8 | 20 | 30 | 14 | 23 | 0.8 | 27.5 |
| | 30 | 14 | 23 | 0.8 | 27.5 | | | | | |

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TS07

| VDC Mfd | 400 VDC (2G) | | | | | 630 VDC (2J) | | | | |
|-------------|--------------|------|------|-----|------|--------------|------|------|-----|------|
| | L | T | H | d | P | L | T | H | d | P |
| 0.01 | 13 | 5 | 8.5 | 0.6 | 10 | 13 | 5 | 8.5 | 0.6 | 10 |
| | 10 | 5 | 8 | 0.6 | 7.5 | | | | | |
| 0.012 | 10 | 5 | 8.7 | 0.6 | 7.5 | 13 | 5.5 | 8.5 | 0.6 | 10 |
| | 13 | 5.5 | 8.5 | 0.6 | 10 | | | | | |
| 0.015 | 10 | 5.5 | 9 | 0.6 | 7.5 | 13 | 6 | 9 | 0.6 | 10 |
| | 13 | 6 | 9 | 0.6 | 10 | | | | | |
| 0.018 | 13 | 6.5 | 9.5 | 0.6 | 10 | 13 | 6.5 | 9.5 | 0.6 | 10 |
| | | | | | | 18 | 5 | 9.5 | 0.6 | 15 |
| 0.022 | 13 | 6 | 9 | 0.6 | 10 | 13 | 6 | 9 | 0.6 | 10 |
| | | | | | | 18 | 5.5 | 9.5 | 0.6 | 15 |
| 0.033-0.036 | 13 | 6 | 10 | 0.6 | 10 | 13 | 6 | 10 | 0.6 | 10 |
| | 18 | 7 | 12 | 0.6 | 15 | 18 | 7 | 12 | 0.6 | 15 |
| 0.039 | 13 | 6 | 10.5 | 0.6 | 10 | 18 | 6 | 11.5 | 0.6 | 15 |
| 0.047 | 13 | 6.5 | 10.5 | 0.6 | 10 | 13 | 6.5 | 10.5 | 0.6 | 10 |
| | 18 | 7 | 12 | 0.6 | 15 | 18 | 7 | 12 | 0.6 | 15 |
| 0.068 | 13 | 6 | 10 | 0.6 | 10 | 13 | 8 | 13 | 0.6 | 10 |
| | 18 | 6 | 9.5 | 0.6 | 15 | 18 | 8 | 13 | 0.8 | 15 |
| 0.1 | 13 | 7 | 12 | 0.6 | 10 | 18 | 9.5 | 14.5 | 0.8 | 15 |
| | 18 | 6.5 | 11 | 0.6 | 15 | 18 | 6.7 | 11.5 | 0.6 | 15 |
| 0.15 | 18 | 7 | 12.5 | 0.8 | 15 | 18 | 7 | 12.5 | 0.6 | 15 |
| 0.22 | 18 | 9 | 14.5 | 0.8 | 15 | 18 | 9 | 14.5 | 0.8 | 15 |
| 0.33 | 18 | 9 | 16 | 0.8 | 15 | 23 | 8.5 | 16 | 0.8 | 20 |
| | 23 | 7.5 | 14.5 | 0.6 | 20 | 25 | 8.5 | 15 | 0.8 | 22.5 |
| 0.39 | 18 | 9.5 | 16.5 | 0.8 | 15 | 23 | 9 | 16.5 | 0.8 | 20 |
| | 23 | 7.5 | 14.5 | 0.6 | 20 | 25 | 9 | 16 | 0.8 | 22.5 |
| 0.47 | 23 | 8 | 15 | 0.8 | 20 | 23 | 8 | 15 | 0.8 | 20 |
| | 25 | 8.5 | 15 | 0.8 | 22.5 | 25 | 8.5 | 15 | 0.8 | 22.5 |
| | | | | | | 31 | 12.5 | 23.5 | 0.8 | 27.5 |
| 0.56 | 23 | 9 | 15 | 0.8 | 20 | 25 | 10.5 | 17.5 | 0.8 | 22.5 |
| | 18 | 10.5 | 17.5 | 0.8 | 15 | 30 | 9 | 16.5 | 0.8 | 27.5 |
| 0.68 | 25 | 9.5 | 17 | 0.8 | 22.5 | 23 | 10.5 | 17.5 | 0.8 | 20 |
| | 23 | 8 | 14 | 0.8 | 20 | 30 | 10.5 | 18 | 0.8 | 27.5 |
| | | | | | | 24 | 11 | 18 | 0.8 | 22.5 |
| 0.82 | 25 | 10 | 16.5 | 0.8 | 22.5 | | | | | |
| 1.0 | 25 | 11 | 18 | 0.8 | 22.5 | 25 | 11 | 20 | 0.8 | 22.5 |
| | 23 | 10.5 | 16 | 0.8 | 20 | 30 | 12 | 20 | 0.8 | 27.5 |
| | 30 | 10 | 18 | 0.8 | 27.5 | | | | | |
| 1.5 | 23 | 9 | 17 | 0.8 | 20 | 30 | 15 | 23 | 0.8 | 27.5 |
| | 30 | 10 | 17.5 | 0.8 | 27.5 | | | | | |
| 2 | 25 | 13 | 21 | 0.8 | 22.5 | | | | | |
| | 30 | 14 | 23 | 0.8 | 27.5 | | | | | |
| 2.2 | 25 | 14 | 21.5 | 0.8 | 22.5 | | | | | |
| | 23 | 11 | 18.5 | 0.8 | 20 | | | | | |
| | 30 | 14.5 | 24 | 0.8 | 27.5 | | | | | |
| 3.3 | 23 | 14 | 21.5 | 0.8 | 20 | | | | | |
| | 30 | 15 | 23 | 0.8 | 27.5 | | | | | |

Note: Specification are subject to change without notice. For more detail and update, please visit our website.