

# METALLIZED POLYESTER FILM CAPACITOR - AXIAL

Suntan®

AXIAL LEAD, METALLIZED POLYESTER FILM – FLAT OVAL SHAPE

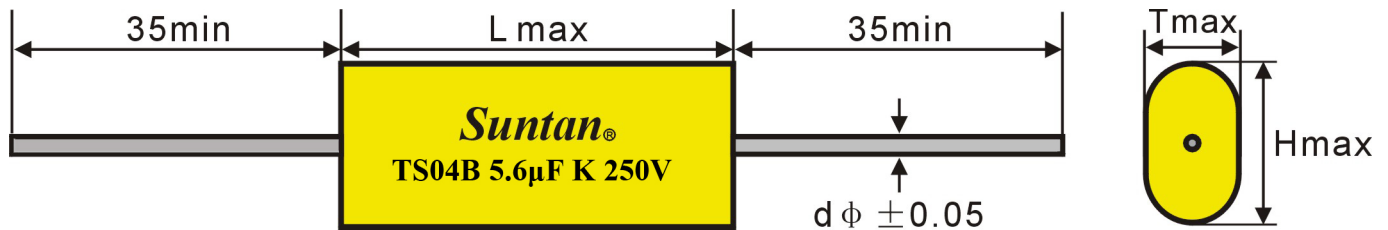
# TS04B

## FEATURES

- TS04B is constructed with metallized polyester film as medium and electricode, wrapped and sealed with flame-resistance plastic and epoxy resin, with high reliability, high-temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC & AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

## SPECIFICATIONS

|                       |   |                         |            |
|-----------------------|---|-------------------------|------------|
| OPERATING TEMPERATURE | -40°C TO + 105°C                            |                         |            |
| CAPACITANCE RANGE     | 0.01μF ~ 68μF                               |                         |            |
| CAPACITANCE TOLERANCE | J (±5%), K (±10%)                           |                         |            |
| RATED VOLTAGE         | 100V, 250V, 400V, 630V(DC)                  |                         |            |
| WITHSLAND VOLTAGE     | 1.6V <sub>R</sub> 2s (1.5V <sub>R</sub> 5s) |                         |            |
| DISSIPATION FACTOR    | C ≤ 1μF                                     | ≤0.013                  | 10KHz      |
|                       | 1μF < C ≤ 10μF                              | ≤0.008                  | 1KHz       |
|                       | C > 10μF                                    | ≤0.010                  | 1HKz       |
| INSULATION RESISTANCE | C ≤ 0.33μF                                  | VR ≤ 100V(10V) ≥ 7500MΩ |            |
|                       |   | VR > 100V               | ≥ 15000 MΩ |
|                       | C > 0.33μF                                  | VR ≤ 100V(10V) ≥ 2500S  |            |
|                       |   | VR > 100V               | ≥ 500S     |



| CAP | 100VDC |      |      |      | 250VDC |      |      |      | 400VDC |      |      |      | 630VDC |      |      |      |     |
|-----|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|-----|
|     | L      | T    | H    | d    | L      | T    | H    | d    | L      | T    | H    | d    | L      | T    | H    | d    |     |
| 103 | 0.01   | 16.0 | 5.0  | 8.0  | 0.6    | 16.0 | 5.0  | 8.0  | 0.6    | 16.0 | 5.0  | 8.0  | 0.6    | 16.0 | 5.0  | 8.0  | 0.6 |
| 223 | 0.022  | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6 |
| 333 | 0.033  | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 21.0 | 5.0  | 9.0  | 0.6 |
| 473 | 0.047  | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 21.0 | 5.0  | 9.0  | 0.6 |
| 683 | 0.068  | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 21.0 | 5.0  | 8.5  | 0.6    | 21.0 | 6.0  | 11.0 | 0.6 |
| 104 | 0.1    | 16.0 | 5.0  | 8.5  | 0.6    | 16.0 | 5.0  | 8.5  | 0.6    | 21.0 | 5.0  | 8.5  | 0.6    | 16.0 | 7.0  | 10.5 | 0.6 |
| 224 | 0.22   | 16.0 | 5.0  | 8.5  | 0.6    | 21.0 | 5.0  | 9.0  | 0.6    | 16.0 | 7.5  | 11.5 | 0.6    | 21.0 | 7.5  | 11.5 | 0.6 |
| 334 | 0.33   | 16.0 | 5.0  | 9.0  | 0.6    | 16.0 | 7.0  | 11.0 | 0.6    | 21.0 | 6.5  | 11.5 | 0.6    | 21.0 | 8.0  | 14.5 | 0.6 |
| 474 | 0.47   | 16.0 | 6.0  | 10.0 | 0.6    | 16.0 | 8.5  | 13.0 | 0.8    | 26.0 | 6.5  | 11.0 | 0.6    | 26.0 | 7.5  | 15.5 | 0.6 |
| 684 | 0.68   | 21.0 | 5.0  | 9.0  | 0.6    | 21.0 | 7.5  | 12.0 | 0.6    | 26.0 | 7.5  | 12.5 | 0.6    | 32.0 | 8.0  | 16.0 | 0.6 |
| 105 | 1.0    | 21.0 | 7.0  | 11.0 | 0.6    | 26.0 | 7.0  | 12.0 | 0.6    | 32.0 | 7.5  | 14.0 | 0.6    | 32.0 | 9.5  | 18.5 | 0.8 |
| 225 | 2.2    | 26.0 | 8.0  | 12.0 | 0.6    | 26.0 | 11.5 | 15.5 | 0.8    | 37.5 | 10.5 | 17.0 | 0.8    | 37.5 | 13.5 | 21.5 | 0.8 |
| 335 | 3.3    | 26.0 | 9.5  | 16.0 | 0.8    | 26.0 | 14.0 | 18.5 | 0.8    | 37.5 | 13.0 | 20.5 | 0.8    | 47.5 | 17.0 | 26.5 | 0.8 |
| 405 | 4.0    | 31.0 | 8.0  | 15.0 | 0.6    | 32.0 | 13.5 | 18.0 | 0.8    | 37.5 | 14.0 | 22.0 | 0.8    | 47.5 | 15.5 | 23.5 | 0.8 |
| 475 | 4.7    | 31.0 | 9.0  | 15.5 | 0.8    | 32.0 | 13.5 | 19.5 | 0.8    | 37.5 | 15.0 | 24.5 | 0.8    | 47.5 | 17.5 | 25.0 | 0.8 |
| 565 | 5.6    | 31.0 | 10.0 | 17.0 | 0.8    | 32.0 | 15.0 | 21.0 | 0.8    | 47.5 | 13.5 | 23.0 | 0.8    | 57.5 | 16.5 | 24.5 | 0.8 |
| 685 | 6.8    | 31.0 | 11.0 | 18.5 | 0.8    | 37.5 | 14.0 | 22.0 | 0.8    | 57.5 | 13.0 | 22.5 | 0.8    | 57.5 | 18.5 | 26.5 | 0.8 |
| 825 | 8.2    | 31.0 | 12.5 | 19.0 | 0.8    | 37.5 | 15.5 | 23.5 | 0.8    | 57.5 | 14.5 | 24.0 | 0.8    | 57.5 | 20.5 | 28.5 | 0.8 |
| 106 | 10.0   | 31.0 | 14.5 | 21.0 | 0.8    | 37.5 | 16.5 | 26.5 | 0.8    | 57.5 | 16.0 | 27.0 | 0.8    | 57.5 | 23.0 | 30.5 | 0.8 |
| 156 | 15.0   | 46.0 | 15.0 | 22.0 | 0.8    | 47.5 | 17.5 | 27.0 | 0.8    | 57.5 | 20.0 | 31.0 | 0.8    | 67.5 | 22.5 | 33.5 | 0.8 |
| 226 | 22.0   | 46.0 | 17.5 | 25.0 | 0.8    | 47.5 | 21.0 | 32.5 | 0.8    | 67.5 | 22.0 | 33.0 | 0.8    | --   | --   | --   | --  |
| 336 | 33.0   | 56.0 | 19.0 | 27.0 | 0.8    | 57.5 | 23.5 | 34.5 | 0.8    | --   | --   | --   | --     | --   | --   | --   | --  |
| 476 | 47.0   | 56.0 | 24.5 | 31.0 | 0.8    | 56.0 | 32.0 | 39.0 | 0.8    | --   | --   | --   | --     | --   | --   | --   | --  |
| 686 | 68.0   | 56.0 | 29.0 | 35.0 | 0.8    | 61.0 | 37.5 | 45.0 | 0.8    | --   | --   | --   | --     | --   | --   | --   | --  |

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