

# High Voltage Metallized Polypropylene Film Capacitors

**Suntan®**

EXTENDED FOIL, FLAME RETARDANT EPOXY COATED

## FEATURES

# TS09

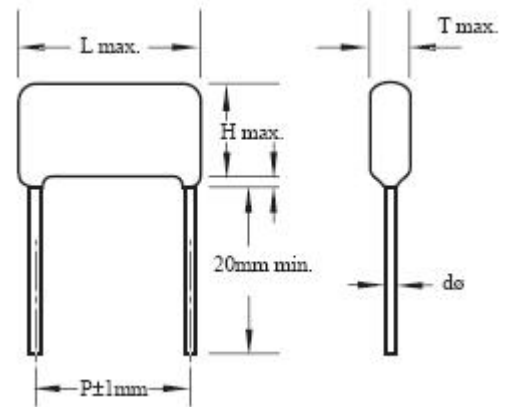
- Ideal for high AC current applications, such as CRT deflection for R-F generators and pulse-forming networks.
- Temperature Coefficient is negative and variety linear over the operation temperature.
- Coated with flame retardative epoxy resin which provides from humidity and mechanical damage.

## SPECIFICATIONS

|                       |   |
|-----------------------|---|
| OPERATING TEMPERATURE | -40°C TO + 85°C                                       |
| RATED VOLTAGE         | DC 1000V, 1250V, 1500, 1600V and 2000V                |
| CAPACITANCE RANGE     | 0.001 TO 0.15Mfd                                      |
| CAPACITANCE TOLERANCE | ±5%, ±10%   |
| Dissipation Factor    | ≤0.1% (20°C, 1KHz)                                    |
| Insulation Resistance | ≥25000MΩ (CR≤0.1μF)<br>≥2000s (CR>0.1μF) (20°C, 1min) |



| VDC<br>Mfd          | 1000VDC / 1250VDC |     |      |      | 1500VDC/1600VDC |     |      |      | 2000VDC |     |      |      |
|---------------------|-------------------|-----|------|------|-----------------|-----|------|------|---------|-----|------|------|
|                     | L                 | T   | H    | P    | L               | T   | H    | P    | L       | T   | H    | P    |
| 0.00047-<br>0.00056 | 18                | 6.5 | 11   | 15   | 18              | 7   | 11   | 15   | 18      | 7   | 11   | 15   |
| 0.001               | 18                | 7   | 11   | 15   | 18              | 7   | 12   | 15   | 18      | 7.5 | 12   | 15   |
| 0.0011              |                   |     |      |      |                 |     |      |      | 18      | 7.5 | 12   | 15   |
| 0.0015              | 18                | 7   | 12.5 | 15   | 18              | 7   | 12.5 | 15   | 18      | 7.5 | 12.5 | 15   |
| 0.0022              | 18                | 7   | 12.5 | 15   | 18              | 7   | 13   | 15   | 18      | 7.5 | 13   | 15   |
| 0.0027              | 18                | 7   | 12.5 | 15   | 18              | 7   | 13   | 15   | 18      | 5.5 | 11   | 15   |
| 0.0033              |                   |     |      |      |                 |     |      |      | 18      | 8   | 15   | 15   |
|                     | 18                | 7.5 | 12.5 | 15   | 18              | 7.5 | 12.5 | 15   | 23      | 7.5 | 16   | 20   |
| 0.0039              |                   |     |      |      | 18              | 7.5 | 13   | 15   | 18      | 7.5 | 13   | 15   |
| 0.0047              | 18                | 7.5 | 13.5 | 15   | 18              | 7.5 | 13.5 | 15   | 18      | 8.5 | 15   | 15   |
|                     |                   |     |      |      | 25              | 7.5 | 13   | 22.5 | 25      | 7.5 | 13   | 22.5 |
| 0.0052              |                   |     |      |      | 18              | 8   | 13.5 | 15   |         |     |      |      |
| 0.0056/<br>0.0068   | 18                | 7.5 | 13.5 | 15   | 18              | 8.5 | 13.5 | 15   | 18      | 9   | 16   | 15   |
| 0.0082              | 18                | 8   | 14   | 15   | 18              | 8.5 | 14.5 | 15   | 18      | 10  | 17   | 15   |
|                     |                   |     |      |      | 25              | 8.5 | 15.5 | 22.5 |         |     |      |      |
| 0.0091              |                   |     |      |      | 25              | 8   | 14   | 22.5 |         |     |      |      |
| 0.0095              |                   |     |      |      | 25              | 14  | 14   | 22.5 |         |     |      |      |
| 0.01                | 18                | 8   | 15   | 15   | 18              | 9.5 | 16.5 | 15   | 25      | 8.5 | 13.5 | 22.5 |
| 0.011~<br>0.012     | 25                | 8   | 13.5 | 22.5 | 25              | 8   | 13.5 | 22.5 | 25      | 8   | 13.5 | 22.5 |
| 0.013~<br>0.016     | 18                | 8.5 | 15.5 | 15   | 18              | 10  | 17   | 15   | 25      | 9   | 16   | 22.5 |
|                     | 25                | 9   | 14   | 22.5 | 25              | 9   | 14   | 22.5 |         |     |      |      |
| 0.022               | 18                | 9.5 | 14.5 | 15   |                 |     |      |      |         |     |      |      |
|                     | 25                | 14  | 22   | 22.5 | 25              | 9.5 | 17.5 | 22.5 | 25      | 13  | 20   | 22.5 |
| 0.033               | 18                | 12  | 18   | 15   |                 |     |      |      |         |     |      |      |
| 0.047               | 18                | 12  | 19.5 | 15   |                 |     |      |      |         |     |      |      |



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