

Plastic Film Capacitors



Metallized Polypropylene Film Capacitor - X2

Box-type Metallized Polyester Film Capacitor

Mini Box Metallized Polyester Film Capacitor - Stacked

Box-type Metallized Polypropylene Film Capacitor - MPP

Box-type Double Sided Metallized Polypropylene Film Capacitor

三泰 科技有限公司
Suntan Technology Company Limited



TS01

Mylar Capacitor

- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 100V,250V,400V, 630V,1000V,1200V.
- Capacitance Range: 0.00027µF to 0.47µF
- Capacitance Tolerance: ±5%
- Dissipation Factor: ≤0.1 (AT 1KHz)
- Dielectric Strength: 200% of rated voltage for 5sec.



TS02

Metallized Polyester Film Capacitor

- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 100V,250V,400V,630V
- Capacitance Range: 0.01µF to 6.8µF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Dissipation Factor: ≤0.01 (AT 1KHz)
- Dielectric Strength: 150% of rated voltage for 5sec.



TS02A

Metallized Polyester Film Capacitor - AC

- Operating Temperature: -40°C to +85°C
- Rated Voltage: AC 250V
- Capacitance Range: 0.01µF to 4.7µF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Dissipation Factor: 1% Max. (AT 1KHz)
- Dielectric Strength: 175% of rated voltage for 5sec.



TS02B

Box-type Metallized Polyester Film Capacitor

- Operating Temperature: 55/100/56
- Rated Voltage: DC 63V, 100V, 160V, 250V, 400V, 630V
- Capacitance Range: 0.0033µF to 2.2µF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Voltage Proof: 1.6Vr (5s)



TS03

Miniature Size Metallized Polyester Film Capacitor

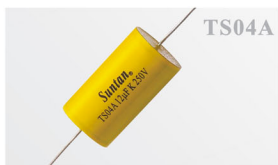
- Rated Voltage: DC 50/63V, 100V, 160V, 250V, 400V
- Capacitance Range: 0.01µF to 0.03µF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Dissipation Factor: ≤1.0% (20°C, 1KHz)



TS03Q

Polyester Film Capacitor-Epoxy Dip Coated - Non-Inductive

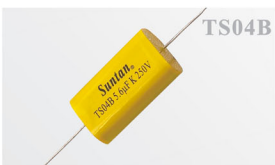
- Operating Temperature: -45°C to +85°C
- Rated Voltage: DC 100V
- Capacitance Range: 0.001µF to 0.033µF
- Capacitance Tolerance: ±5%
- Dissipation Factor: ≤0.01 (1.0%) at 1 KHz.



TS04A

Metallized Polyester Film Capacitor - Axial - Cycloidal

- Operating Temperature: -40°C to +105°C
- Rated Voltage: DC 100V, 250V, 400V, 630V
- Capacitance Range: 0.03µF to 68µF
- Capacitance Tolerance: ±5%, ±10%
- Withstand voltage: 1.6Vr 2s (1.5Vr 5s)



TS04B

Metallized Polyester Film Capacitor - Axial - Oval

- Operating Temperature: -40°C to +105°C
- Rated Voltage: DC 100V, 250V, 400V, 630V
- Capacitance Range: 0.01µF to 68µF
- Capacitance Tolerance: 5%, ±10%
- Withstand voltage: 1.6Vr 2s (1.5Vr 5s)



TS04C

Metallized Polypropylene Film Capacitor - Axial - Cycloidal

- Operating Temperature: -55°C to +100°C
- Rated Voltage: DC 250V, 400V, 630V, 1000V, 1250V
- Capacitance Range: 0.047µF to 56µF
- Capacitance Tolerance: ±5%, ±10%
- Withstand voltage: 1.7Vr 2s (1.5Vr 5s)



Metallized Polypropylene Film Capacitor - Axial - Oval

- Operating Temperature: -55°C to +100°C
- Rated Voltage: DC 250V, 400V, 630V, 1000V, 1250V
- Capacitance Range: 0.022μF to 47μF
- Capacitance Tolerance: ±5%, ±10%
- Withstand voltage: 1.7Vr 2s (1.5Vr 5s)



Metallized Polyester Film Capacitor - Mini Box

- Operating Temperature: -55°C to +105°C
- Rated Voltage: DC 50/63V, 100V, 250V, 400V, 500V, 630V
- Capacitance Range: 0.001μF to 1.0μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Voltage Proof: Type A: 1.6Vr (5s); Type B: 1.4Vr (5s)



Metallized Polyethylene Naphthalate Film Capacitor - Stacked SMD

- Operating Temperature: -55°C to +125°C
- Rated Voltage: DC 50/63V, 100V, 250V, 400V, 630V
- Capacitance Range: 0.001μF to 1.0μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Dissipation Factor: ≤0.008(1KHz)



Metallized Polyphenylene Sulfide Film Capacitor - Stacked SMD

- Operating Temperature: -55°C to +125°C
- Rated Voltage: DC 16V, 50V
- Capacitance Range: 0.0001μF to 0.1μF
- Capacitance Tolerance: ±5%, ±10%
- Voltage Proof: 1.50Vr (5s)
- Dissipation Factor: ≤0.006(1KHz)



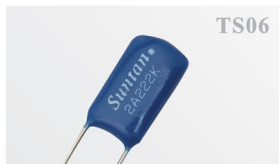
Metallized Polyester Film Capacitor - Stacked & Uncoated

- Operating Temperature: -55°C to +105°C
- Rated Voltage: DC 63V, 100V, 250V, 400V, 630V, 1000V
- Capacitance Range: 0.001μF to 10μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Voltage Proof: 1.40Vr (2)



Mini box Metallized Polyester Film Capacitor - Stacked

- Operating Temperature: -55°C to +105°C
- Rated Voltage: DC 50/63V, 100V, 250V, 400V, 500V, 630V
- Capacitance Range: 0.001μF to 1.0μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Voltage Proof: Type A: 1.6 Vr (5s); Type B: 1.4 Vr (5s)



Polypropylene Film Capacitor - PPI

- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 100V, 250V, 400V, 630V
- Capacitance Range: 0.00047μF to 0.18μF
- Capacitance Tolerance: ±5%, ±10%
- Dissipation Factor: ≤0.001 for C≤0.068μF
≤0.002 for C>0.068 μF
- Dielectric Strength: 250% of rated voltage for 5sec.



Metallized Polypropylene Film Capacitor - MPP

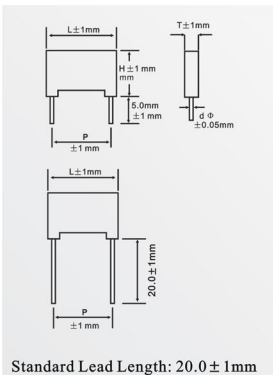
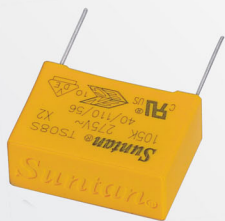
- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 100V, 250V, 400V, 630V
- Capacitance Range: 0.01μF to 8.2μF
- Capacitance Tolerance: ±5%, ±10%, ±20%
- Dissipation Factor: ≤0.002 (at 1KHz)
- Dielectric Strength: 150% of rated voltage for 5sec.



Box-type Metallized Polypropylene Film Capacitor - MPP

- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 250V, 400V, 630V, 1000VDC/500VAC
- Capacitance Range: 4700pF to 3.3μF
- Capacitance Tolerance: ±2%, ±5%, ±10%
- Dissipation Factor: 0.1% max. at 1kHz, 25°C
- Dielectric Strength: 150% of rated voltage for 5 sec.

TS08S



Metallized Polypropylene Film Capacitor - X2

- Operating Temperature: -40°C to +110°C
- Rated Voltage: 250/275/305/310 VAC
- Capacitance Range: 0.001µF to 2.2µF
- Capacitance Tolerance: ±10%
- Dielectric Strength: 4.3U_a DC/5s.
- Dissipation Factor: tg δ ≤ 0.0010, I.R. ≥ 15,000MΩ (C < 0.33 µF)
- Insulation Resistance: I.R. ≥ 6,000MΩ (C ≥ 0.33 µF)



TS08



Metallized Polypropylene Film Capacitor-X2

- Operating Temperature: -40°C to +100°C
- Rated Voltage: AC 300V, 280V, 275V, 250V
- Capacitance Range: 0.0022µF to 1µF
- Capacitance Tolerance: ±5%, ±10%
- Dielectric Strength: 2100 VDC for 1Sec.
- Dissipation Factor: 0.08% max at 1KHz 20°C, 0.3% max at 10 KHz 20°C

TS09



High Voltage Metallized Polypropylene Film Capacitor

- Operating Temperature: -40°C to +85°C
- Rated Voltage: DC 1000V, 1250V, 1500V, 1600V, 2000V
- Capacitance Range: 0.001µF to 0.15µF
- Capacitance Tolerance: ±5%, ±10%
- Dissipation Factor: ≤ 0.08% (20°C, 10KHz)

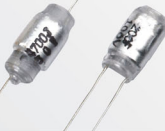
TS09B



Box-type Double Sided Metallized Polypropylene Film Capacitor

- Operating Temperature: -40°C to +105°C
- Rated Voltage: DC 250V, 400V, 630V, 1000V, 1400/1600V, 2000V
- Capacitance Range: 0.00022µF to 3.9µF
- Capacitance Tolerance: ±2%, ±3%, ±5%, ±10%, ±20%
- Dissipation Factor: ≤ 0.001, (1KHz, 20°C)

TS10



Polystyrene Film Capacitor PSA & PSR

- Operating Temperature: -40°C to +70°C
- Rated Voltage: DC 33V, 50V, 100V, 125V, 250V, 500V, 630V
- Capacitance Range: 10pF to 10000pF
- Capacitance Tolerance: ±1%, ±2%, ±2.5%, ±5%, ±10%
- Dissipation Factor: C > 330pF, DF < 0.1%, Q > 1000 at 1KHz

TS11-6



Motor Starting Capacitor-CBB61

- Operating Temperature: -25°C to +70°C or -40°C to +85°C
- Rated Voltage: 200-600VAC or 250-1500VDC
- Capacitance Tolerance: ±5%, +10% to -5%, ±10%
- Dissipation Factor: Below 0.3% or 0.1%
- Insulation Resistance: Above 2000MΩ

TS11-13



Motor Starting Capacitor-CBB60

- Operating Temperature: -25°C to +70°C or -40°C to +85°C
- Rated Voltage: 200-600VAC or 250-1500VDC
- Capacitance Tolerance: ±5%, +10% to -5%, ±10%
- Dissipation Factor: Below 0.3% or 0.1%
- Insulation Resistance: Above 2000MΩ