

# METALLIZED POLYESTER FILM CAPACITOR - AXIAL

**Suntan®**

AXIAL LEAD, METALLIZE POLYESTER FILM - CYCLOIDAL

# TS04A

## FEATURES

- TS04A is constructed with metallized polyester film as medium and electrode, wrapped and sealed with flame-retardant 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	0.033μF ~68μF		
CAPACITANCE TOLERANCE	J (±5%), K (±10%)		
RATED VOLTAGE	100V, 250V, 400V, 630V(DC)		
WITHSTAND VOLTAGE	1.6U <sub>R</sub> 2s (1.5U <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	≥ 5000S



CAP		100VDC			250VDC			400VDC			630VDC		
		L	D	d	L	D	d	L	D	d	L	D	d
333	0.033	--	--	--	--	--	--	--	--	--	15.5	7.0	0.6
473	0.047	--	--	--	--	--	--	21.0	6.0	0.6	20.5	7.5	0.6
683	0.068	--	--	--	--	--	--	21.0	6.5	0.6	20.5	7.5	0.8
104	0.1	16.0	6.5	0.6	16.0	6.5	0.6	21.0	7.5	0.6	21.0	8.0	0.6
224	0.22	16.0	6.5	0.6	16.0	6.5	0.6	21.0	9.5	0.8	26.0	11.5	0.8
334	0.33	16.0	8.0	0.6	21.0	7.5	0.6	21.0	9.5	0.8	26.0	9.5	0.8
474	0.47	21.0	7.0	0.6	21.0	8.5	0.8	26.0	9.0	0.8	31.0	14.0	0.8
684	0.68	21.0	7.5	0.6	21.0	10.0	0.8	26.0	10.5	0.8	32.0	11.5	0.8
105	1.0	21.0	9.0	0.8	26.0	10.0	0.8	31.0	14.0	0.8	32.0	14.0	0.8
225	2.2	26.0	11.0	0.8	31.0	12.0	0.8	37.5	14.5	0.8	37.5	17.5	0.8
335	3.3	26.0	14.0	0.8	31.0	14.5	0.8	37.5	17.5	0.8	47.5	18.5	0.8
475	4.7	31.0	13.5	0.8	31.0	17.5	0.8	37.5	20.0	1.0	47.5	22.0	1.0
565	5.6	31.0	15.0	0.8	31.0	19.5	0.8	47.0	17.0	0.8	57.5	21.0	1.0
685	6.8	31.0	16.0	0.8	46.0	16.0	0.8	57.5	18.5	0.8	57.5	23.0	1.0
825	8.2	31.0	17.5	0.8	46.0	17.5	0.8	57.5	20.0	1.0	57.5	25.0	1.0
106	10.0	31.0	19.0	0.8	46.0	19.5	0.8	57.5	22.5	1.0	57.5	27.5	1.0
156	15.0	46.0	18.0	0.8	46.0	24.0	1.0	57.5	26.5	1.0	67.5	30.0	1.0
226	22.0	46.0	22.0	1.0	46.0	29.0	1.0	57.5	31.5	1.0	--	--	--
336	33.0	56.0	23.5	1.0	56.0	30.0	1.0	--	--	--	--	--	--
476	47.0	56.0	29.0	1.0	58.0	37.0	1.0	--	--	--	--	--	--
686	68.0	58.0	33.0	1.0	61.0	41.0	1.0	--	--	--	--	--	--

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