

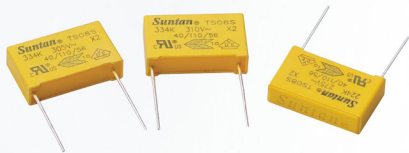
# METALLIZED POLYPROPYLENE FILM CAPACITOR-X2

Professional Manufacturer Since 1978

## Class X2 Safety Capacitor — TS08S

### ■ SPECIFICATIONS:

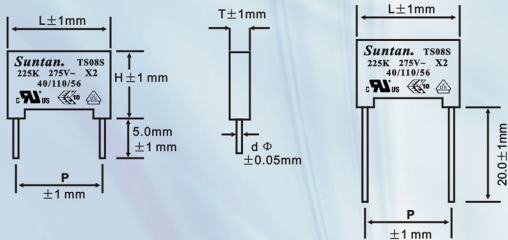
- ◆ VOLTAGE RATING : 250/275/305/310 VAC
- ◆ CAPACITANCE RANGE : 0.001 - 2.2 $\mu$ F
- ◆ CAPACITANCE TOLERANCE :  $\pm 10\%$  std
- ◆ OPERATING TEMPERATURE : -40°C to +110°C
- ◆ TESTING VOLTAGE : 4.3UR DC /5s
- ◆ DISSIPATION FACTOR :  $tg\delta \leq 0.0010$
- ◆ INSULATION RESISTANCE : I.R  $\geq 15,000M\Omega$  (C < 0.33  $\mu$ F)  
I.R  $\geq 6,000M\Omega$  (C  $\geq 0.33 \mu$ F)



### ■ FEATURES:

- ◆ AC-Capacitors
- ◆ Class X2 safety capacitors
- ◆ Reliable self-healing
- ◆ Metallized polypropylene
- ◆ Low self inductance
- ◆ RoHS directive compliant
- ◆ Low ESR
- ◆ Small size
- ◆ Ammo Tape Pack, Cut leads, Long leads are available
- ◆ Interference suppression capacitor with VDE, ENEC and UL approvals

### ■ DRAWINGS:



### ■ CERTIFICATIONS:

	LOGO MARK	COUNTRY	APPROVAL STANDARD	APPROVAL NO .	CLASS	CAP.RANGE	RATED VOLTAGE
CUL,UL		CANADA/U.S.A	UL/IEC 60384-14	E344971	X2	0.001 $\mu$ F to 2.2 $\mu$ F	250/275/305/310VAC
VDE		GERMANY	DIN EN 60384-14 (VDE 0565 Teil 1-1)	40035433	X2	0.001 $\mu$ F to 2.2 $\mu$ F	275/305/310VAC
ENEC		EUROPE	EN 60384-14; IEC 60384-14	40035433	X2	0.001 $\mu$ F to 2.2 $\mu$ F	275/305/310VAC

三泰 科技有限公司  
*Suntan*® Technology Company Limited

# METALLIZED POLYPROPYLENE FILM CAPACITOR-X2

Professional Manufacturer Since 1978

## Class X2 Safety Capacitor — TS08S

### APPLICATIONS:

- ◆ Line - By - Pass Components
- ◆ Across - The - Line Capacitors
- ◆ Antenna-Coupling Components
- ◆ Electromagnetic Interference (EMI) Filters



### DIMENSIONS:

(Unit : mm)

CAP	A type 275VAC					A type 305VAC					A type 310VAC				
	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05
0.001	13.0	5.0	11.0	10.0	0.6										
0.0022	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0027	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0033	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0039	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0047	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0056	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0068	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.0082	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.01	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.012	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.015	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.018	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.022	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.027	13.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6
0.033	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.039	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.047	13.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6
0.056	13.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6
0.068	13.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6	18.0	5.0	11.0	15.0	0.6
0.082	18.0	6.0	12.0	15.0	0.6	18.0	6.0	12.0	15.0	0.6	18.0	6.0	12.0	15.0	0.6
0.1	18.0	6.0	12.0	15.0	0.8	18.0	6.0	12.0	15.0	0.8	18.0	6.0	12.0	15.0	0.8
0.12	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8
0.15	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8
0.15	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8
0.18	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8
0.22	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8
0.27	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8
0.33	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8	26.5	7.0	16.5	22.5	0.8
0.47	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8
0.47	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8
0.56	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8
0.68	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8
0.82	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8	31.5	10.8	19.5	27.5	0.8
1.0	31.5	13.0	22.0	27.5	0.8	31.5	13.0	22.0	27.5	0.8	31.5	13.0	22.0	27.5	0.8
1.5	31.5	13.0	22.0	27.5	0.8	31.5	13.0	22.0	27.5	0.8	31.5	13.0	22.0	27.5	0.8
2.2	31.5	13.0	22.0	27.5	0.8	31.5	14.0	25.0	27.5	0.8	31.5	14.0	25.0	27.5	0.8
CAP	B type 275VAC					B type 305VAC					B type 310VAC				
	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05	L±1.0	T±1.0	H±1.0	P±1.0	dΦ±0.05
0.047	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6	13.0	5.0	11.0	10.0	0.6
0.056	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6
0.068	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6
0.082	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6	13.0	6.0	12.0	10.0	0.6
0.1	13.0	6.0	12.0	10.0	0.8	13.0	6.0	12.0	10.0	0.8	13.0	6.0	12.0	10.0	0.8
0.18	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8	18.0	7.5	13.5	15.0	0.8
0.22	18.0	8.5	14.5	15.0	0.8	18.0	8.5	14.5	15.0	0.8	18.0	8.5	14.5	15.0	0.8
0.27	18.0	10.0	15.8	15.0	0.8	18.0	10.0	15.8	15.0	0.8	18.0	10.0	15.8	15.0	0.8
0.33	18.0	10.0	15.8	15.0	0.8	18.0	10.0	15.8	15.0	0.8	18.0	10.0	15.8	15.0	0.8
0.47	18.0	11.0	19.0	15.0	0.8	18.0	11.0	19.0	15.0	0.8	18.0	11.0	19.0	15.0	0.8
0.56	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8
0.68	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8
0.82	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8	26.5	10.0	19.0	22.5	0.8
1.0	26.5	10.0	19.0	22.5	0.8	26.5	11.0	20.0	22.5	0.8	26.5	11.0	20.0	22.5	0.8
1.5						26.5	13.0	22.0	22.5	0.8	26.5	13.0	22.0	22.5	0.8

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