

# METALLIZED POLYPROPYLENE FILM CAPACITOR – X2

Suntan®

NON – INDUCTIVE, (UL940V-0) PLASTIC CASE SEALED WITH EPOXY RESIN

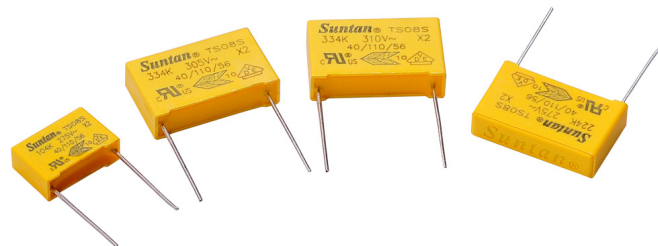
## FEATURES

# TS08S

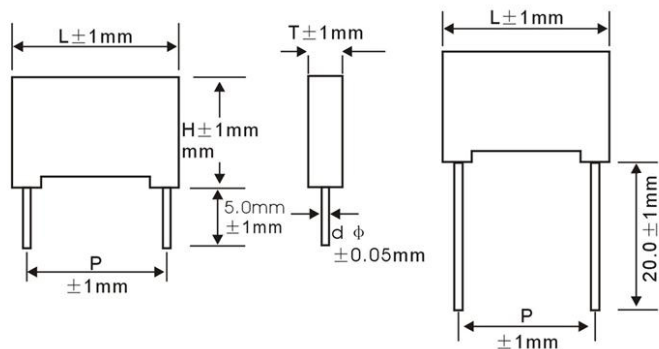
- Provides interference suppression with VDE & ENEC and UL safety approvals.

## 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	$\text{tg } \delta \leq 0.0010$ 1KHz
INSULATION RESISTANCE	$C_R \leq 0.33 \mu\text{F}$ , I.R $\geq 15,000\text{M}\Omega$ $C_R > 0.33 \mu\text{F}$ , I.R $\geq 6,000\text{S}$ (M $\Omega$ / $\mu\text{F}$ )



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



Standard Lead Length: 20.0 $\pm$ 1mm

Dimensions Table for 275V AC:

(Unit : mm)

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

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## FEATURES

# TS08S

- Provides interference suppression with VDE & ENEC and UL safety approvals.

Dimensions Table for 305V AC:

(Unit : mm)

A type											
CAP	L±1.0	T±1.0	H±1.0	P±1.0	d Ø±0.05	CAP	L±1.0	T±1.0	H±1.0	P±1.0	d Ø±0.05
0.0022	13.0	5.0	11.0	10.0	0.6	0.056	18.0	5.0	11.0	15.0	0.6
0.0027	13.0	5.0	11.0	10.0	0.6	0.068	18.0	5.0	11.0	15.0	0.6
0.0033	13.0	5.0	11.0	10.0	0.6	0.082	18.0	6.0	12.0	15.0	0.6
0.0039	13.0	5.0	11.0	10.0	0.6	0.1	18.0	6.0	12.0	15.0	0.8
0.0047	13.0	5.0	11.0	10.0	0.6	0.12	18.0	7.5	13.5	15.0	0.8
0.0056	13.0	5.0	11.0	10.0	0.6	0.15	26.5	7.0	16.5	22.5	0.8
0.0068	13.0	5.0	11.0	10.0	0.6	0.18	26.5	7.0	16.5	22.5	0.8
0.0082	13.0	5.0	11.0	10.0	0.6	0.22	26.5	7.0	16.5	22.5	0.8
0.01	13.0	5.0	11.0	10.0	0.6	0.27	26.5	7.0	16.5	22.5	0.8
0.012	13.0	5.0	11.0	10.0	0.6	0.33	26.5	7.0	16.5	22.5	0.8
0.015	13.0	5.0	11.0	10.0	0.6	0.47	26.5	10.0	19.0	22.5	0.8
0.018	13.0	5.0	11.0	10.0	0.6	0.56	31.5	10.8	19.5	27.5	0.8
0.022	13.0	5.0	11.0	10.0	0.6	0.68	31.5	10.8	19.5	27.5	0.8
0.027	13.0	5.0	11.0	10.0	0.6	0.82	31.5	10.8	19.5	27.5	0.8
0.033	13.0	5.0	11.0	10.0	0.6	1.0	31.5	13.0	22.0	27.5	0.8
0.039	13.0	5.0	11.0	10.0	0.6	1.5	31.5	13.0	22.0	27.5	0.8
0.047	18.0	5.0	11.0	15.0	0.6	2.2	31.0	14.0	25.0	27.5	0.8
B type											
0.01	18.0	5.0	11.0	15.0	0.6	0.22	18.0	8.5	14.5	15.0	0.8
0.033	18.0	5.0	11.0	15.0	0.6	0.27	18.0	10.0	15.8	15.0	0.8
0.047	13.0	5.0	11.0	10.0	0.6	0.33	18.0	10.0	15.8	15.0	0.8
0.056	13.0	6.0	12.0	10.0	0.6	0.47	18.0	11.0	19.0	15.0	0.8
0.068	13.0	6.0	12.0	10.0	0.6	0.56	26.5	10.0	19.0	22.5	0.8
0.082	13.0	6.0	12.0	10.0	0.6	0.68	26.5	10.0	19.0	22.5	0.8
0.1	13.0	6.0	12.0	10.0	0.8	0.82	26.5	10.0	19.0	22.5	0.8
0.15	18.0	7.5	13.5	15.0	0.8	1.0	26.5	11.0	20.0	22.5	0.8
0.18	18.0	7.5	13.5	15.0	0.8	1.5	26.5	13.0	22.0	22.5	0.8

Dimensions Table for 310V AC:

(Unit : mm)

A type											
CAP	L±1.0	T±1.0	H±1.0	P±1.0	d Ø±0.05	CAP	L±1.0	T±1.0	H±1.0	P±1.0	d Ø±0.05
0.0022	13.0	5.0	11.0	10.0	0.6	0.056	18.0	5.0	11.0	15.0	0.6
0.0027	13.0	5.0	11.0	10.0	0.6	0.068	18.0	5.0	11.0	15.0	0.6
0.0033	13.0	5.0	11.0	10.0	0.6	0.082	18.0	6.0	12.0	15.0	0.6
0.0039	13.0	5.0	11.0	10.0	0.6	0.1	18.0	6.0	12.0	15.0	0.8
0.0047	13.0	5.0	11.0	10.0	0.6	0.12	18.0	7.5	13.5	15.0	0.8
0.0056	13.0	5.0	11.0	10.0	0.6	0.15	26.5	7.0	16.5	22.5	0.8
0.0068	13.0	5.0	11.0	10.0	0.6	0.18	26.5	7.0	16.5	22.5	0.8
0.0082	13.0	5.0	11.0	10.0	0.6	0.22	26.5	7.0	16.5	22.5	0.8
0.01	13.0	5.0	11.0	10.0	0.6	0.27	26.5	7.0	16.5	22.5	0.8
0.012	13.0	5.0	11.0	10.0	0.6	0.33	26.5	7.0	16.5	22.5	0.8
0.015	13.0	5.0	11.0	10.0	0.6	0.47	26.5	10.0	19.0	22.5	0.8
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0.082	13.0	6.0	12.0	10.0	0.6	0.68	26.5	10.0	19.0	22.5	0.8
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