

# METALLIZED POLYPROPYLENE FILM CAPACITOR – X2

Suntan®

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

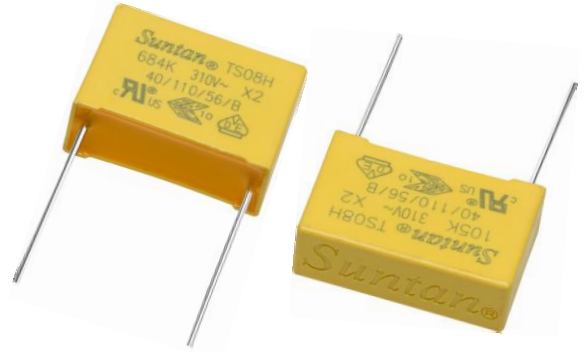
## FEATURES

- Provides interference suppression with VDE & ENEC and UL safety approvals.
- Used in across-the-line, interference suppression circuit

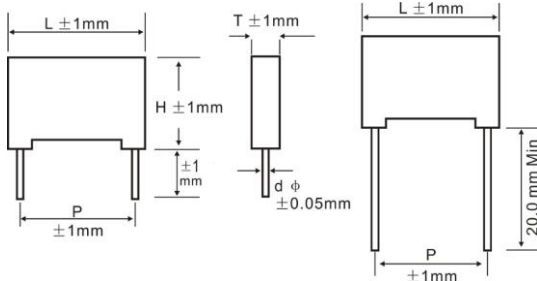
# TS08H

## SPECIFICATIONS

VOLTAGE RATING	310 VAC
CAPACITANCE RANGE	0.0047 – 10 $\mu$ F
CAPACITANCE TOLERANCE	$\pm$ 10% std.
OPERATING TEMPERATURE	-40°C to +110°C
VOLTAGE PROOF	4.3U <sub>R</sub> DC /5s
DISSIPATION FACTOR	0.0010 $\mu$ F $\leq$ CR $\leq$ 0.47 $\mu$ F $\leq$ 0.1% (1KHz, 20°C) 0.47 $\mu$ F $\leq$ CR $\leq$ 1.0 $\mu$ F $\leq$ 0.2% (1KHz, 20°C) 1.0 $\mu$ F $\leq$ CR $\leq$ 10 $\mu$ F $\leq$ 0.3% (1KHz, 20°C)
INSULATION RESISTANCE	C <sub>R</sub> $\leq$ 0.33 $\mu$ F, I.R $\geq$ 15,000M $\Omega$ C <sub>R</sub> > 0.33 $\mu$ F, I.R $\geq$ 5,000S (20°C · 100V, 1min)



	COUNTRY	APPROVAL STANDARD	APPROVAL NO.	CLASS	CAP. RANGE	RATED VOLTAGE
cUL/ UL	CANADA/ U.S.A	UL/IEC 60384-14	E344971	X2	0.0047 to 10 $\mu$ F	310/305/275VAC
VDE	GERMANY	DIN EN 60384-14 (VDE 0565 Teil 1-1)	40046769	X2	0.0047 to 10 $\mu$ F	310/305/275VAC
ENEC	EUROPE	EN 60384-14; IEC 60384-14	40046769	X2	0.0047 to 10 $\mu$ F	310/305/275VAC



Standard Lead Length: 20mm min

Dimensions Table for 310V AC:

(Unit: mm)

A type											
CAP	L $\pm$ 1.0	H $\pm$ 1.0	T $\pm$ 1.0	P $\pm$ 1.0	d $\pm$ 0.05	CAP	L $\pm$ 1.0	H $\pm$ 1.0	T $\pm$ 1.0	P $\pm$ 1.0	d $\pm$ 0.05
0.0047	13	9	4	10	0.6	0.27	26.5	16.5	7	22.5	0.8
0.0056	13	9	4	10	0.6	0.33	26.5	16.5	7	22.5	0.8
0.0068	13	9	4	10	0.6	0.39	26.5	17	8.5	22.5	0.8
0.0082	13	9	4	10	0.6	0.41	26.5	17	8.5	22.5	0.8
0.01	18	11	5	15	0.8	0.47	26.5	17	8.5	22.5	0.8
0.012	18	11	5	15	0.8	0.47	31.5	19.5	10.8	27.5	0.8
0.015	18	11	5	15	0.8	0.56	26.5	19	10	22.5	0.8
0.018	18	11	5	15	0.8	0.56	31.5	19.5	10.8	27.5	0.8
0.02	18	11	5	15	0.8	0.68	26.5	19	10	22.5	0.8
0.022	18	11	5	15	0.8	0.68	31.5	19.5	10.8	27.5	0.8
0.027	18	11	5	15	0.8	0.82	31.5	19.5	10.8	27.5	0.8
0.033	18	11	5	15	0.8	1	31.5	19.5	10.8	27.5	0.8
0.039	18	11	5	15	0.8	1.2	31.5	21.6	13	27.5	0.8
0.047	18	11	5	15	0.8	1.5	31.5	21.6	13	27.5	0.8
0.056	18	11	5	15	0.8	1.8	31	25	14	27.5	0.8
0.068	18	11	5	15	0.8	2.2	42	28	14	37.5	0.8
0.082	18	11	5	15	0.8	2.7	42	28	14	37.5	0.8
0.1	18	12	6	15	0.8	2.8	32	25.5	16	27.5	0.8
0.12	26.5	15	6	22.5	0.8	3.3	41	32	17	37.5	0.8
0.12	18	12	6	15	0.8	3.9	41	32	17	37.5	0.8
0.13	18	12	6	15	0.8	4.7	41	33.5	18.5	37.5	0.8
0.15	26.5	15	6	22.5	0.8	5.6	41	37	22	37.5	0.8
0.18	26.5	15	6	22.5	0.8	6.8	41	37	22	37.5	0.8
0.2	26.5	15	6	22.5	0.8	8.2	41	41	26	37.5	0.8
0.22	26.5	15	6	22.5	0.8	10	41	43	28	37.5	0.8
B type											
CAP	L $\pm$ 1.0	H $\pm$ 1.0	T $\pm$ 1.0	P $\pm$ 1.0	d $\pm$ 0.05	CAP	L $\pm$ 1.0	H $\pm$ 1.0	T $\pm$ 1.0	P $\pm$ 1.0	d $\pm$ 0.05
0.01	13	11	5	10	0.6	0.18	18	13.5	7.5	15	0.8
0.012	13	11	5	10	0.6	0.2	18	14.5	8.5	15	0.8
0.015	13	11	5	10	0.6	0.22	13	12	6	10	0.6
0.018	13	11	5	10	0.6	0.22	18	14.5	8.5	15	0.8
0.02	13	11	5	10	0.6	0.27	18	14.5	8.5	15	0.8
0.022	13	11	5	10	0.6	0.33	18	14.5	8.5	15	0.8
0.027	13	11	5	10	0.6	0.39	18	19	11	15	0.8
0.033	13	11	5	10	0.6	0.47	18	15.5	9.5	15	0.8
0.039	13	11	5	10	0.6	0.56	18	16	10	15	0.8
0.047	13	11	5	10	0.6	0.68	18	19	11	15	0.8
0.056	13	12	6	10	0.6	0.82	26	21.5	12	22.5	0.8
0.068	13	12	6	10	0.6	1	26	21.5	12	22.5	0.8
0.082	13	12	6	10	0.6	1.2	26.5	19	10	22.5	0.8
0.1	13	12	6	10	0.6	1.5	26	21.5	12	22.5	0.8
0.12	13	13	7	10	0.6	2.2	31	25	14	27.5	0.8
0.14	18	12	6	15	0.8	2.7	32	28	18	27.5	0.8
0.15	13	12	6	10	0.6	3.3	32	28	18	27.5	0.8
0.15	18	12	6	15	0.8	4.7	32	37	22	27.5	0.8
0.18	13	13	7	10	0.6						

Please contact us for special item or size not listed

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