

# POLYPROPYLENE FILM CAPACITOR - PPI

Suntan®

INDUCTIVE, RADIAL LEAD WELDED CONSTRUCTION, EPOXY COATED

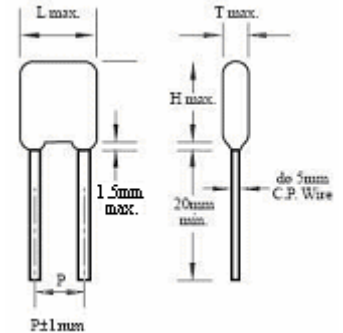
## FEATURES

# TS06

- Comparatively small size saves space of print circuit board
- Temperature dependence indicates characteristic of negative.
- Dissipation Factor is normally low and temperature dependence of capacitance is linear.

## SPECIFICATIONS

OPERATING TEMPERATURE	-40°C TO +85°C
RATED VOLTAGE	DC 100V, 250V, 400V, 630V
CAPACITANCE RANGE	0.00047 TO 0.18Mfd
CAPACITANCE TOLERANCE	±5%, ±10%
INSULATION RESISTANCE	50,000 MΩ min.
DISSIPATION FACTOR	≤0.001 for C≤0.068Mfd ≤0.002 for C>0.068 Mfd (AT 1KHz)
DIELECTRIC STRENGTH	250% of rated voltage for 5sec.



VDC uF	100V				250V				400V				630V			
	L	H	T	P	L	H	T	P	L	H	T	P	L	H	T	P
0.00047-0.0012	7.0	13.5	5.0	4.0	7.0	13.5	5.0	4.0	7.0	13.5	5.0	4.0	7.0	13.5	5.0	4.0
0.0015	7.0	13.5	5.0	4.0	7.0	13.5	5.0	4.0	7.0	13.5	5.0	4.0	7.5	13.5	5.0	4.0
0.0018	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0
0.002	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0
0.0022	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0
0.0027	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0
0.003	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	8.0	13.5	5.5	4.5
0.0033	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	8.0	13.5	5.5	4.5
0.0039	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	8.5	13.5	5.5	4.5
0.0047	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	8.5	14.0	5.5	5.0
0.0056	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	8.0	13.5	5.5	4.0	9.0	14.0	6.0	5.5
0.0068	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	9.0	13.5	6.0	5.5	9.0	14.0	6.5	6.0
0.0082	7.5	13.5	5.0	4.0	7.5	13.5	5.0	4.0	9.5	13.5	6.0	5.5	9.5	14.0	6.5	6.0
0.01	7.5	13.5	5.0	4.5	7.5	13.5	5.0	4.0	9.0	13.5	5.5	6.0	10.0	14.0	6.0	6.0
0.012	8.0	13.5	5.0	5.0	8.0	13.5	5.0	4.5	9.0	13.5	5.5	6.0	10.0	14.0	7.0	6.0
0.015	8.0	13.5	5.0	5.0	8.5	13.5	5.5	5.0	9.5	13.5	6.0	6.0	10.5	14.0	7.0	7.0
0.018	8.5	13.5	5.0	5.0	8.5	13.5	5.5	5.0	10.0	14.0	6.5	6.0	11.5	14.5	7.5	7.0
0.02	8.5	13.5	5.0	5.0	9.0	13.5	5.5	5.0	10.5	14.0	6.5	6.0	11.5	14.5	7.5	7.0
0.022	8.5	13.5	5.0	5.0	9.0	13.5	5.5	5.5	10.5	14.0	6.5	6.5	11.5	14.5	8.0	7.0
0.027	9.0	13.5	5.5	5.5	9.5	13.5	6.0	5.5	11.0	14.0	7.0	6.5	12.5	14.5	8.5	7.5
0.03	9.5	13.5	6.0	5.5	9.5	13.5	6.0	6.0	11.5	14.0	7.5	7.0	13.0	14.5	9.0	7.5
0.033	9.5	14.0	6.0	5.5	10.0	13.5	6.5	6.0	11.5	14.0	7.5	7.0	13.5	14.5	9.5	8.0
0.039	10.0	14.0	6.0	6.0	10.5	13.5	6.0	7.0	12.0	14.0	7.5	7.5	15.0	15.5	10.5	9.0
0.047	10.5	14.0	6.5	6.5	11.0	13.5	6.0	7.0	13.0	15.0	8.5	8.0	15.0	15.5	10.5	9.0
0.056	11.0	14.0	6.5	7.0	11.5	14.0	7.0	7.0	13.5	15.0	9.0	8.5	16.0	15.5	11.0	10.0
0.068	11.0	14.0	7.0	7.0	12.0	14.0	7.5	8.0	14.5	15.0	9.5	9.0	--	--	--	--
0.082	12.0	14.0	7.0	8.0	13.0	14.0	8.0	8.0	15.5	15.0	10.5	9.5	--	--	--	--
0.1	13.0	14.5	8.5	8.0	13.0	14.0	8.0	8.5	16.5	16.0	12.0	10.5	--	--	--	--
0.12	13.5	14.5	8.5	9.0	--	--	--	--	--	--	--	--	--	--	--	--
0.15	15.0	14.5	8.5	10.0	--	--	--	--	--	--	--	--	--	--	--	--
0.18	16.0	14.5	10.0	10.5	--	--	--	--	--	--	--	--	--	--	--	--

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