

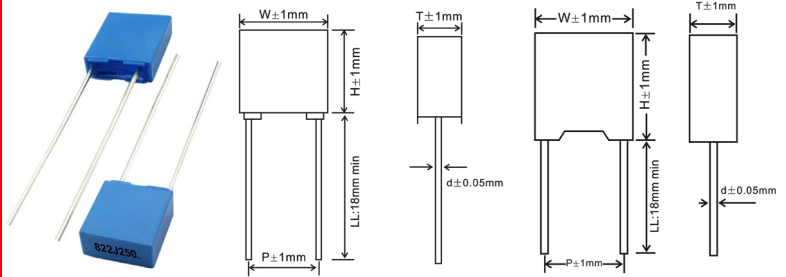
# TS07A

## FEATURES

- High reliability at high current stress.
- Self-healing properties.
- Flame retardant plastic case and epoxy resin.
- Low losses, high dv / dt capability.
- High moisture resistance.
- High stability of capacitance and long life.

## SPECIFICATIONS

OPERATING TEMPERATURE	-40°C TO +85°C
RATED VOLTAGE	100, 250, 400, 630, 1000VDC
CAPACITANCE RANGE	0.001 TO 1μF
CAPACITANCE TOLERANCE	±5%
INSULATION RESISTANCE	$C \leq 0.33\mu F$ ; $IR \geq 50000 MOhm$ $C > 0.33\mu F$ ; $IR \geq 15000 MOhm$
DISSIPATION FACTOR	0.1% max. at 1KHz, 20°C
DIELECTRIC STRENGTH	160% of rated voltage for 5s.



μF	100VDC					250VDC					400VDC					630VDC / 1000VDC									
	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d					
	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05	±1.0	±1.0	±1.0	±1.0	±0.05					
0.001	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0012	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0015	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0018	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0022	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0027	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0033	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0039	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0047	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0056	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0068	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.0082	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5
0.01	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.012	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.015	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.018	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.022	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.027	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.033	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	10	5	5	0.5	7.2	10	5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.039	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	10	5	5	0.5	7.2	10	5	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.047	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	11	6	5	0.5	7.2	11	6	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.056	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	11	6	5	0.5	7.2	11	6	5	0.5
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.068	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	10	5	5	0.5	--	--	--	--	--	--	--	--	--	--
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.082	7.2	7.5	3.5	5	0.5	7.2	7.5	3.5	5	0.5	7.2	10	5	5	0.5	--	--	--	--	--	--	--	--	--	--
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.1	7.2	9.5	4.5	5	0.5	7.2	9.5	4.5	5	0.5	7.2	11	6	5	0.5	--	--	--	--	--	--	--	--	--	--
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	10	11	5	7.5	0.5	--	--	--	--	--	--	--	--	--	--
0.15	7.2	10	5	5	0.5	7.2	10	5	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.22	7.2	11	6	5	0.5	7.2	11	6	5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10	9	4	7.5	0.5	10	9	4	7.5	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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