

TS04D

FEATURES

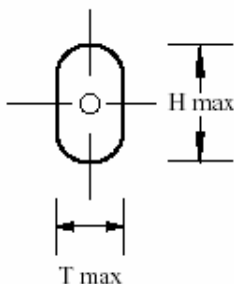
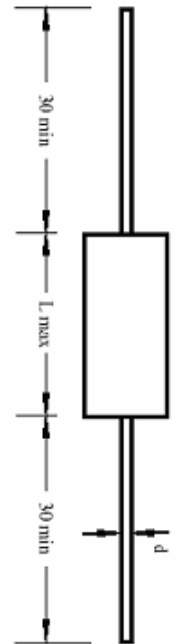
- TS04D is constructed with metallized polyester film as medium and electric dielectric, wrapped and sealed with flame-resistance plastic and epoxy resin with high reliability, high temperature-resistance, small volume, large capacity and good self-healing property.
- Mainly used in instruments and the DC&AC circuit of the household equipment and the fractional frequency circuit of acoustics system.

SPECIFICATIONS

OPERATING TEMPERATURE	-55°C TO +100°C		
CAPACITANCE RANGE	0.01μF ~ 10μF		
CAPACITANCE TOLERANCE	J (±5%), K (±10%),		
RATED VOLTAGE	250V / 400V / 630V / 1000V / 1250V (DC)		
WITHSTAND VOLTAGE	1.7Vr 2S (1.5Vr 5S)		
DISSIPATION FACTOR	C ≤ 0.1μF	≤ 0.0015	10KHz
	0.1μF < C ≤ 1μF	≤ 0.0020	10KHz
	1μF < C ≤ 4.7μF	≤ 0.0030	10 KHz
	C > 4.7μF	≤ 0.0015	1 KHz
INSULATION RESISTANCE	C ≤ 0.33μF	≥ 50000MΩ	
	C > 0.33μF	≥ 1500S	



CAP CODE	CAP μF	250VDC			400VDC			630VDC			1000VDC			1250VDC		
		L	T	H	L	T	H	L	T	H	L	T	H	L	T	H
102	0.001													13	3	5.6
152	0.0015													13	3.2	5.8
222	0.0022													13	3.5	6.3
														15	3.3	6.1
332	0.0033										13	3.1	5.9	13	4.2	7
											15	2.9	7.3	15	3.7	7.3
472	0.0047										15	3.6	8	15	4	9.9
											20	3	7.4	20	3.3	9.2
682	0.0068										13	3.6	6.9	15	5	8.9
											15	3.2	7.5	20	3	7.4
103	0.01										13	3.6	7.1	20	3.4	9.3
											15	3.3	7.6	20	4.3	10.1
153	0.015										13	4.5	7.1	20	4.2	14.4
											15	3.6	7.9	20	6	11.2
223	0.022				13	3.2	6	13	4.5	7.1	20	4.2	14.4	20	6	11.2
											15	3.6	7.9	25	3.8	11.2
333	0.033	13	3.3	6.1	13	4	6.8	15	4.5	8.7	20	6.6	11.4	20	6.9	13.7
											25	4.8	10.2	25	4.7	12.3
473	0.047	13	4	6.8	13	4.8	7.6	15	5.8	9.3	20	6.1	13.7	25	6	13.5
		15	3.4	7	15	4.2	7.7	20	3.6	8	25	4.7	12.3	28	5.3	12.8
683	0.068	15	3.9	8.3	15	5.1	8.7	20	4.6	8.8	25	6	13.5	25	8.3	15.1
					20	3.3	7.6	25	3.6	9.5	28	7.4	14.3	28	6.7	14.2
104	0.1	15	4.8	9.3	15	6.4	9.9	20	5	10.9	25	8.1	15.1	28	7.9	17
					20	4	8.4	25	3.9	9.9	28	7.4	14.3	32	7.7	16.1
154	0.15	20	4.4	8.5	20	5.1	9.5	20	5.9	13.4	28	8.8	17.4	32	9.8	18.2
					25	4	8.4	25	5	10.9	32	7.8	16.3	36	8.9	17.3
224	0.22	20	5.1	9.5	20	6.4	10.7	25	5.8	13.3	32	9.8	18.3	32	12.3	20.7
		25	4.1	4.5	25	4.9	9.3	28	5.2	12.7	36	8.8	17.4	36	11.2	19.5
					28	4.4	8.9	25	7.4	15	32	12.5	21	32	15.6	24
334	0.3320	20	5.9	11.9	20	7.4	13.3	25	7.4	15	32	12.5	21	32	15.6	24
		25	4.6	10.6	25	5.8	11.7	28	6.7	14.2	36	11.2	19.7	36	14.2	22.5
					28	5.2	11.1	25	8.7	17.8	46	9.3	17.8	46	11	20.1
474	0.47	20	7.3	13.3	20	9.1	15	25	8.7	17.8	36	13.9	22.5	36	17.4	25.7
		25	5.7	11.7	25	7.1	13.1	28	7.7	16.8	46	11.5	20	46	13.5	22.6
					28	6.4	12.3	32	6.8	15.9	56	9.9	18.4	56	11.8	20.8
684	0.68	25	7.1	13.1	25	8.2	15.7	28	9.8	18.9	36	17.3	25.8	46	10.8	19.5
		28	6.1	12.1	28	7.4	14.9	32	8.7	17.8	46	14.3	22.8	56	11.8	20.8
											56	12.3	20.9			
105	1.0	25	8.4	15.9	25	10.5	18	32	11	20.1	46	17.9	26.4	46	13.6	22.4
		28	7.4	15	28	9.4	16.9	36	10	19	56	15.5	21.4	56	11.8	20.5
		32	6.6	14.1	32	8.3	15.8									
155	1.5	28	9.6	17.2	28	11.2	20.3	32	14.3	23.2	56	19.6	28.2	56	15	23.7
		32	8.5	16	32	10	19	36	12.9	21.8						
		36	10.1	19.2	32	21.8	36	16.3	25.2							
225	2.2	36	9.1	18.2	36	11.4	20.5	46	13.4	22.3						
								56	11.5	20.4						
335	3.3	32	13	22.2	32	16.3	25.3	46	17.1	26						
		36	11.7	20.9	36	14.7	23.8	56	14.7	23.7						
		46	9.6	18.7	46	12	21.1									
475	4.7	36	14.6	23.8	46	14.9	24	46	21	30						
		46	11.9	21	56	12.9	21.9	56	18.2	27.2						
		56	10.3	19.4												
685	6.8	46	14.3	22.2	46	18.7	27.8									
		56	12.4	21.5	56	16.1	25.2									
106	10	56	20.7	29	56	20.3	29.4									



W < 20	d = 0.6mm
W ≥ 20	d = 0.8mm