

TMCF03 Metallized Polyester Film Capacitor CL21

Features

- Wide capacitance range, small size.
- Long life due to self-healing effect.
- Suitable for block, by-pass and coupling of DC and signal to VHF range.
- Widely used in filter, noise suppression and low pulse circuits.

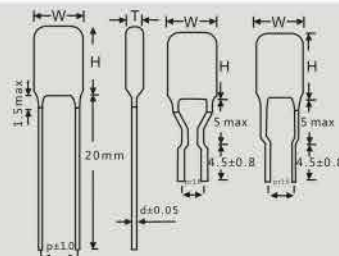
Configuration

Non-inductive, wound with metallized polyester film as dielectric and electrode, copper-clad steel leads and epoxy resin coating.



Specifications & Outline Drawing

Reference Standard	GB7335-87
Climatic Category	40/85/21
Rated Voltage	100V, 160V, 250V, 400V, 630V
Capacitance Range	0.010 μ F~10.0 μ F
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
Voltage Proof	1.6U _r (5s)
Dissipation Factor	$\leq 1.0\%$ (20°C, 1kHz)
Insulation Resistance	$\geq 7500M\Omega$ ($C_r \leq 0.33\mu F$) $\geq 2500s$ ($C_r > 0.33\mu F$)



Dimensions

Cap μF	100VDC				250VDC				400VDC				630VDC			
	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)
0.010	11	5	9	7.5	12	3.6	7	10	12	4	7.3	10	11.5	4.2	7.3	10
0.018	11	5	9	7.5	12	4	8.5	10	12	4	8.5	10	12	4	8.5	10
0.022	11	5	9	7.5	9.5	3.4	6.8	7.5	12	4.4	7.8	10	12	4	8.5	10
0.033	11	5	9	7.5	12	5.6	9.1	10	12	4.3	7.7	10	12	4.5	7.9	10
0.047	11	5	9	7.5	11.5	5	9.5	10	12	3.9	7.2	10	11.5	3.7	6.8	10
0.056	11	5	9	7.5	12	4.5	10	10	12	4.5	10	10	12	6.2	11	10
0.068	11	5	9	7.5	12	4.5	10.2	10	12	4.7	8	10	17	5	10	15
0.082	11	5	9	7.5	12	4.5	10.2	10	12	5.3	10.2	10	17	5.4	10.3	15
0.1	11	5	9	7.5	12	3.7	7.8	10	12	4.5	7.9	10	12	5.2	8.5	10
0.15	11	5	9	7.5	12	5.5	10.5	10	12	5	10	10	17	6.4	13	15
0.22	11	6	10	7.5	11.5	5	8.2	10	11.5	6	11	10	16.5	5.5	10.7	15
0.27	11	6	10	7.5	17	5.6	11	15	17	6.3	13	15	22.5	7	13.8	20
0.33	13	6	10.5	10	12.4	5.4	9.8	10	17	5.5	10.5	15	22	5.6	11.2	20
0.39	13	6	11	10	17	5.6	12.5	15	22.5	5	13	20	22.5	8.3	15.6	20
0.47	12	5	9.1	10	17	4.6	9.5	15	17	5.9	10.9	15	21.5	8.4	15.5	20
0.56	13	7	12	10	17	6.8	13.5	15	22	5.5	10.4	20	22.5	9.3	18	20
0.68	19	6.5	12	15	17	5.8	10.8	15	22	6.5	12	20	22	8.2	13.9	20
0.82	19	7	13	15	22.5	6.5	13	20	16.5	7.9	26.5	15	22	8.3	14.8	20
1.0	19	7.5	13	15	22.5	7.3	14	20	22.5	9.2	17.5	20	28.5	10.8	19.4	26
1.2	19	8	14	15	22	6.4	11.4	20	28	7.3	16.9	26.5	28.5	12	20.5	26
1.5	19	9	14.5	15	22	6.6	13.2	20	22	9.2	15.7	20	33.5	12	20.5	31
1.8	19.5	9.5	15	15	22.5	9.2	17.5	20	28.5	11	19.3	26	33.5	12.5	22	31
2.0	22.5	9.8	18	20	22.5	9.8	18	20	28.5	11.5	19.8	26	33.5	13.2	2.6	31
2.2	24	8.5	15.5	20	17	9.4	16	15	22	8	14.6	20	33.5	13.8	23.5	31
2.5	24	8.5	16	20	22	8.7	15.2	20	29	9.2	17.4	27.5	33.5	15.2	25	31
2.7	24	9	16	20	28.5	9.7	18.3	26	28.5	13	23	26				
3.3	24	10	17	20	29	7.8	16	27.5	29	10.9	20	27.5	33	13.5	20.5	31
4.7	29	10.5	18	25	29	9.6	17.7	27.5	29	13.3	21.9	27.5				
5.6	29	11	18.5	25	33.5	10	22.5	31	33.5	17.3	27.2	31				
6.8	29	12	19.5	25	29	11.9	20.4	27.5	33	14.3	24.4	31				
8.2	29	9.3	16.5	27.5	33.5	12	22.5	31	33	17	27.5	31				
10	29	11	20.7	27.5	33.5	13.3	23	31								

Note: This series can also be used to make AC capacitors