



TMCF16 Metallized Polypropylene Film Capacitor(MPP)

Features

- Very low loss at high frequency, and suitable for high current.
- High insulation resistance, long life due to self-healing effect.
- Widely used in high frequency, DC, AC and pulse circuits.

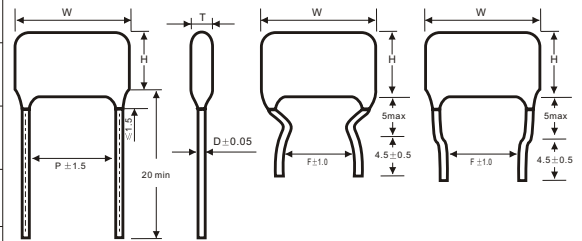
Configuration

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



Specifications & Outline Drawing

Reference Standard	GB10190(1EC 60384-16)
Climatic Category	40/85/21
Rated Voltage	100V, 160V, 250V, 400V, 630V
Capacitance Range	0.0047~4.7 μ F
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
Voltage Proof	1.6U _R (5s)
Dissipation Factor	$\leq 0.1\%$ (20°C, 1KHz)
Insulation Resistance (20°C, 1min)	$\geq 25000M\Omega$ (CR $\leq 0.33\mu$ F) $\geq 7500s$ (CR $> 0.33\mu$ F)



Dimensions

CAP μ F	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)
0.0047	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0
0.0056	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0
0.0068	12.0	4.2	8.5	10.0	12.0	4.2	8.5	10.0	12.0	4.2	8.5	10.0
0.0082	12.0	4.2	9.5	10.0	12.0	4.2	9.5	10.0	12.0	4.2	9.5	10.0
0.01	12.0	4.8	9.5	10.0	12.0	4.8	9.5	10.0	12.0	4.8	10.0	10.0
0.012	12.0	5.0	9.5	10.0	12.0	5.0	9.5	10.0	12.0	5.0	10.0	10.0
0.015	12.0	5.0	9.5	10.0	12.0	5.0	9.6	10.0	12.0	5.0	10.0	10.0
0.016	12.0	5.0	9.5	10.0	12.0	5.0	9.6	10.0	12.0	5.0	10.0	10.0
0.022	12.0	5.0	9.8	10.0	12.0	5.0	9.8	10.0	12.0	5.0	10.0	10.0
0.027	12.0	5.0	10.0	10.0	12.0	5.0	10.0	10.0	12.0	5.0	10.2	10.0
0.033	12.0	5.5	10.0	10.0	12.0	5.5	10.6	10.0	12.0	5.5	10.6	10.0
0.039	12.0	5.5	10.0	10.0	12.0	5.5	10.6	10.0	12.0	6.0	11.2	10.0
0.047	12.0	5.5	10.0	10.0	12.0	5.5	10.8	10.0	12.0	6.5	11.8	10.0
0.056	12.0	5.5	10.5	10.0	12.0	5.5	11.0	10.0	12.0	6.5	12.3	10.0
0.068	12.0	5.7	11.0	10.0	12.0	5.7	11.0	10.0	17.0	6.5	12.3	15.0
0.082	12.0	6.3	11.5	10.0	12.0	6.3	11.5	10.0	17.0	6.5	12.3	15.0
0.1	12.0	7.0	12.0	10.0	12.0	7.0	12.0	10.0	17.0	6.5	12.8	15.0
0.15	17.0	6.0	11.0	15.0	17.0	6.0	11.0	15.0	17.0	7.4	14.0	15.0
0.18	17.0	6.0	11.6	15.0	17.0	6.5	11.6	15.0	17.0	8.2	14.0	15.0
0.22	17.0	6.0	11.2	15.0	17.0	6.8	13.3	15.0	22.5	7.2	14.0	20.0
0.27	17.0	6.0	12.8	15.0	17.0	7.5	14.3	15.0	22.5	8.3	15.2	20.0
0.33	17.0	6.8	13.5	15.0	17.0	8.3	14.7	15.0	22.5	9.0	15.6	20.0
0.39	17.0	6.8	13.5	15.0	17.0	8.8	15.4	15.0	22.5	9.5	16.8	20.0
0.47	22.5	6.8	13.6	20.0	22.5	8.8	15.5	20.0	22.5	10.2	18.5	20.0
0.56	22.5	7.5	14.3	20.0	22.5	9.0	15.5	20.0	22.5	11.0	19.4	20.0
0.68	22.5	8.3	15.2	20.0	22.5	10.0	17.0	20.0	22.5	12.4	20.6	20.0
0.82	22.5	9.0	16.0	20.0	22.5	10.2	18.5	20.0	22.5	13.2	21.7	20.0
1.0	22.5	10.0	17.0	20.0	22.5	11.3	19.5	20.0	28.5	13.8	22.3	26.0
1.2	22.5	10.5	19.0	20.0	22.5	12.5	20.6	20.0	28.5	14.2	22.8	26.0
1.5	22.5	11.0	19.0	20.0	28.5	13.2	20.7	26.0	33.5	14.8	23.5	31.0
1.8	28.5	11.0	19.5	26.0	28.5	13.5	22.0	26.0	33.5	15.8	24.0	31.0
2.2	28.5	12.2	20.7	26.0	33.5	13.5	22.0	31.0	33.5	17.5	27.7	31.0
3.3	33.5	13.0	23.0	31.0	33.5	15.3	25.0	31.0	33.5	21.8	32.0	31.0
4.7	33.5	15.6	25.0	31.0	33.5	17.5	27.3	31.0	43.5	22.3	32.5	41.0