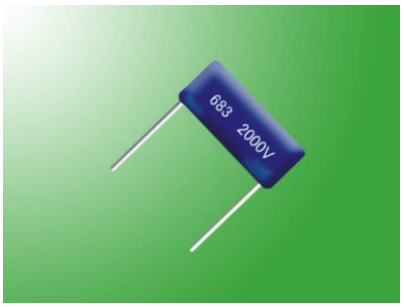
TMCF15 High Voltage Polypropylene Film Capacitor (PPS)

Features:

- Very low loss at high frequcncy, suitable for high current
- Excellent frequency and temperature characteristics
- High insulation resistance, self-healing effect
- Widely used in high frequency, DC, AC and pulse circuits

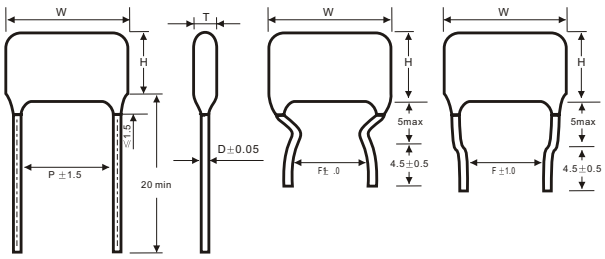


Configuration

Non-inductive, wound with polypropylene film as the dielectric and aluminum foil as the electrode with copper-clad steel leads and epoxy resin coating.

Specifications&Outline Drawing

Reference Standard	GB10188-88(IEC60384-13)
Climatic Category	40/85/21
Rated Voltage	800V、1000V、1200V、1600V、2000V
Capacitance Range	0.001~0.47μF
Capacitance Tolerance	±5%(J)，±10%（K）
Voltage Proof	$2U_R$(5s)
Dissipation Factor	≤0.08%（20℃,10kHz）
Insulation Resistance (20℃,1min)	≥30000MΩ (CR≤0.1μF) ≥3000s (CR≤0.1μF)



Dimensions

CAP UF	800VDC				1000VDC				1200VDC				1600VDC				2000VDC			
	W(mm)±1	T(mm) ±1	H(mm) ±1	P(mm)±1.5	W(mm)±1	T(mm) ±1	H(mm) ±1	P(mm)±1.5	W(mm)±1	T(mm) ±1	H(mm) ±1	P(mm)±1.5	W(mm)±1	T(mm) ±1	H(mm) ±1	P(mm)±1.5	W(mm)±1	T(mm) ±1	H(mm) ±1	P(mm)±1.5
0.0010	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	18.5	6.0	12.0	15.0	19.0	5.0	10.0	15.0	24.0	6.0	11.0	20.0
0.0012	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	18.5	6.0	12.0	15.0	19.0	5.0	11.0	15.0	24.0	6.0	12.0	20.0
0.0015	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	18.5	6.0	12.0	15.0	19.0	6.0	11.0	15.0	24.0	7.0	13.0	20.0
0.0018	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	18.5	6.0	12.0	15.0	19.0	6.0	12.0	15.0	24.0	8.0	13.0	20.0
0.0022	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	19.0	6.0	12.0	15.0	19.0	6.0	12.0	15.0	24.0	8.0	14.0	20.0
0.0027	18.0	6.0	11.0	15.0	18.0	6.0	11.5	15.0	19.0	6.0	12.0	15.0	19.0	7.0	13.0	15.0	24.0	8.0	15.0	20.0
0.0033	18.0	6.0	11.0	15.0	18.5	6.0	12.0	15.0	19.0	7.0	13.0	15.0	19.0	8.0	13.0	15.0	24.0	9.0	16.0	20.0
0.0039	18.5	6.0	11.0	15.0	18.5	6.0	12.0	15.0	19.0	8.0	13.0	15.0	19.0	8.0	14.0	15.0	24.0	10.0	17.0	20.0
0.0047	18.5	6.0	11.0	15.0	18.5	6.0	12.0	15.0	19.0	8.0	14.0	15.0	19.0	9.0	15.0	15.0	24.0	11.0	18.0	20.0
0.0056	18.5	6.0	11.0	15.0	19.0	6.0	12.0	15.0	19.0	9.0	15.0	15.0	19.0	10.0	16.0	15.0	24.0	12.0	19.0	20.0
0.0068	18.5	6.0	11.0	15.0	19.0	7.0	13.0	15.0	19.0	10.0	16.0	15.0	19.0	11.0	17.0	15.0	24.0	12.0	20.0	20.0
0.0082	19.0	7.0	11.0	15.0	19.0	8.0	13.0	15.0	24.0	8.0	15.0	20.0	24.0	9.0	16.0	20.0	24.0	14.0	22.0	20.0
0.010	19.0	6.0	12.0	15.0	19.0	8.0	14.0	15.0	24.0	9.0	16.0	20.0	24.0	10.0	17.0	20.0	24.0	16.0	23.0	20.0
0.012	19.0	7.0	12.0	15.0	19.0	9.0	15.0	15.0	24.0	10.0	17.0	20.0	24.0	11.0	18.0	20.0	26.0	15.0	22.0	22.5
0.015	19.0	7.0	13.0	15.0	18.0	10.0	16.0	15.0	24.0	11.0	18.0	20.0	24.0	12.0	19.0	20.0	26.0	17.0	24.0	22.5
0.018	19.0	8.0	14.0	15.0	24.0	9.0	16.0	15.0	24.0	12.0	19.0	20.0	24.0	13.0	20.0	20.0				
0.022	19.0	9.0	15.0	15.0	24.0	10.0	17.0	20.0	24.0	13.0	20.0	20.0	24.0	15.0	21.0	20.0				
0.027	19.0	10.0	16.0	15.0	24.0	11.0	18.0	20.0												
0.033	19.0	11.0	17.0	15.0	24.0	12.0	19.0	20.0												
0.039	19.0	12.0	18.0	15.0	24.0	13.0	20.0	20.0												
0.047	24.0	10.0	18.0	20.0																
0.056	24.0	11.0	19.0	20.0																
0.068	24.0	12.0	20.0	20.0																
0.082	24.0	14.0	21.0	20.0																
0.1	24.0	15.0	23.0	20.0																