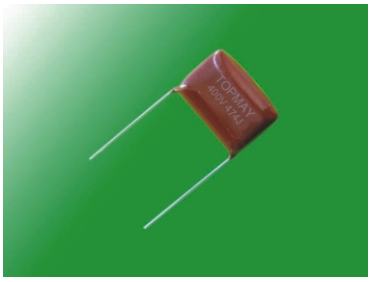
TMCF14 Polypropylene Film Metal Foil Capacitor(PPN)

Features:



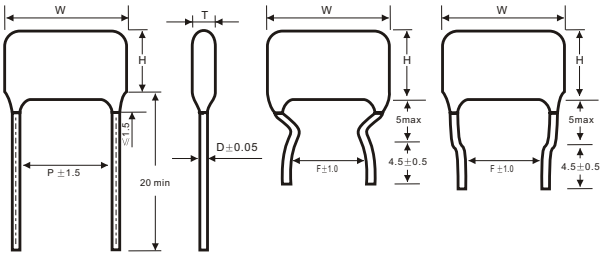
- Very low loss at high frequcncy,suitable for high current
- Excellent frequency and temperature characteristics
- High insulation resistance,self-healing effect
- Widely used in high frequency,DC,AC and pulse circuits

Configuration

non-inductively wound with metallized polypropylene film as the dielectric and aluminum foil as the electrode,copper-clad steel leads and flame retardant epoxy resin powder coating.

Specifications&Outline Drawing

Reference Standard	GB 10188-88(1EC 60384-13)
Climatic Category	40/85/21
Rated Voltage	100V,250V,400V,630V,1000V
Capacitance Range	0.001~0.47uF
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	100V250VDC				400VDC				630VDC				1000VDC			
uF	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)
0.001	14.0	6.0	9.0	10.0	14.0	6.5	9.0	10.0	14.0	7.0	12.5	10.0	14.0	7.0	12.5	10.0
0.0015	14.0	6.0	9.0	10.0	14.0	6.5	12.0	10.0	14.0	7.0	12.5	10.0	14.0	7.0	12.5	10.0
0.0018	14.0	6.0	9.0	10.0	14.0	6.5	12.0	10.0	14.0	7.0	12.5	10.0	14.0	7.0	12.5	10.0
0.0022	14.0	6.0	9.0	10.0	14.0	6.5	12.0	10.0	14.0	7.0	12.5	10.0	14.0	7.0	12.5	10.0
0.0033	14.0	6.0	9.0	10.0	14.0	7.0	12.0	10.0	14.0	7.0	14.0	10.0	14.0	7.5	12.5	10.0
0.0039	14.0	6.0	9.0	10.0	14.0	7.0	13.0	10.0	14.0	7.0	15.0	10.0	14.0	8.0	13.0	10.0
0.0047	14.0	6.0	9.0	10.0	14.0	7.0	13.0	10.0	14.0	7.0	15.0	10.0	18.0	7.5	11.0	15.0
0.0056	14.0	6.0	9.0	10.0	14.0	7.5	13.0	10.0	18.0	6.5	11.0	15.0	18.0	8.0	12.0	15.0
0.0068	14.0	6.0	9.0	10.0	14.0	7.5	13.0	10.0	18.0	6.5	11.0	15.0	18.0	8.0	13.0	15.0
0.0082	14.0	6.5	9.5	10.0	14.0	8.0	14.0	10.0	18.0	7.0	12.0	15.0	18.0	8.5	13.0	15.0
0.010	14.0	6.5	9.5	10.0	14.0	8.0	14.0	10.0	18.0	7.0	12.0	15.0	18.0	8.5	13.5	15.0
0.015	14.0	7.0	10.0	10.0	18.0	6.0	11.0	15.0	18.0	7.0	12.0	15.0	18.0	9.0	15.0	15.0
0.018	14.0	8.0	11.0	10.0	18.0	7.0	12.0	15.0	18.0	8.0	13.0	15.0	18.0	9.5	16.0	15.0
0.022	14.0	8.0	11.0	10.0	18.0	7.0	12.0	15.0	18.0	9.0	14.0	15.0	23.5	9.5	17.0	20.0
0.033	14.0	9.5	12.5	10.0	18.0	8.5	13.5	15.0	23.5	9.5	17.0	20.0	23.5	11.0	19.0	20.0
0.039	18.5	8.0	13.0	15.0	18.0	9.0	15.0	15.0	23.5	10.0	18.0	20.0	23.5	12.0	20.0	20.0
0.047	18.5	8.0	13.0	15.0	18.0	9.5	16.0	15.0	23.5	11.0	19.0	20.0	23.5	13.0	21.0	20.0
0.056	18.5	9.0	14.0	15.0	18.0	10.0	17.0	15.0	23.5	12.0	20.0	20.0	23.5	14.0	22.0	20.0
0.068	18.5	9.0	14.0	15.0	18.0	11.0	18.0	15.0	27.5	14.0	21.0	25.0	27.5	14.0	21.0	25.0
0.082	18.5	10.0	15.0	15.0	18.0	12.0	19.0	15.0	28.5	15.0	22.0	25.0	28.5	15.0	22.0	25.0
0.10	23.5	11.0	18.0	20.0	18.0	13.5	22.0	15.0	28.5	16.0	23.0	25.0	28.5	16.0	23.0	25.0
0.15	23.5	12.5	17.0	20.0	23.5	12.0	19.0	20.0	28.5	18.0	25.0	25.0	28.5	18.0	25.0	25.0
0.18	23.5	13.0	18.0	20.0	23.5	13.0	19.0	20.0	28.5	18.0	25.0	25.0	28.5	18.5	25.0	25.0
0.22	23.5	14.0	19.0	20.0	23.5	13.0	20.0	20.0	28.5	19.0	25.0	25.0	28.5	19.0	25.0	25.0
0.33	27.5	10.0	20.0	25.0	27.5	10.0	20.0	25.0								
0.39	27.5	10.5	22.0	25.0	27.5	10.5	22.0	25.0								
0.47	27.5	11.5	23.0	25.0	27.5	11.5	23.0	25.0								