



# TMCF20 Metallized Polypropylene Film Capacitor Axial Type(MPT/MPA)

## Features

- Down-leads axially and horizontally.
- Very low loss at high frequency, 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 and copper-clad steel leads or flexible cord, outer wrapped of polyester and end sealed with epoxy resin



## Specifications & Outline Drawing

Reference Standard	GB 10190-88(IEC 60384-16)	
Climatic Category	40/85/21	
Rated Voltage	160V,250V,400V,630V,1000V,1200V	
Capacitance Range	0.010-30.0uF	
Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)	
Voltage Proof	1.6U <sub>R</sub> (5s)	
Dissipation Factor	≤0.1%(20℃, 1KHz)	
Insulation Resistance	$\geq 25000M\Omega$ (CR≤0.33uF) $\geq 7500s$ (CR>0.33uF)	(20℃, 1min)

  

<p>MPA</p>	<p>MPT</p>
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## Dimensions

R.V.	250VDC		400VDC		630VDC		R.V.	250VDC		400VDC		630VDC				
Size	L	D	L	D	L	D	Size	W	H	T	W	H	T			
Cap.	Max	Max	Max	Max	Max	Max	Cap.	Max	Max	Max	Max	Max	Max			
0.010					14.0	7.0	0.010					14.0	8.5	5.0		
0.015					14.0	7.0	0.015					14.0	9.0	5.5		
0.022					14.0	8.0	0.022					14.0	9.5	5.5		
0.033			14.0	8.0	19.0	8.0	0.033			14.0	9.0	7.0	19.0	10.0	6.0	
0.047			14.0	8.0	19.0	9.0	0.047			14.0	9.0	7.0	19.0	11.0	6.0	
0.068			19.0	8.0	19.0	11.0	0.068			19.0	9.0	7.0	19.0	13.0	6.5	
0.10	14.0	8.0	19.0	9.0	27.0	11.0	0.10	14.0	9.0	7.0	19.0	9.0	8.0	27.0	13.0	6.5
0.15	19.0	8.0	19.0	10.0	27.0	13.0	0.15	19.0	10.0	6.0	19.0	12.0	9.0	27.0	15.0	8.0
0.22	19.0	9.0	27.0	10.0	33.0	13.0	0.22	19.0	10.0	7.0	27.0	12.0	8.0	33.0	15.0	8.5
0.33	19.0	11.0	27.0	12.0	33.0	16.0	0.33	19.0	12.0	8.0	27.0	15.0	10.0	33.0	19.0	9.0
0.47	25.0	11.0	27.0	13.0	33.0	18.0	0.47	27.0	12.5	9.0	33.0	15.0	10.0	33.0	21.0	11.0
0.68	25.0	13.0	33.0	15.0	33.0	20.0	0.68	27.0	14.5	10.0	33.0	15.0	11.0	38.0	23.0	15.0
1.0	25.0	13.0	33.0	17.0	38.0	21.0	1.0	33.0	15.5	10.0	33.0	19.0	14.0	44.0	25.0	16.0
1.5	33.0	15.0	33.0	21.0	44.0	22.0	1.5	33.0	17.5	13.0	33.0	24.0	16.0	44.0	26.0	16.0
2.2	33.0	17.0	38.0	22.0	44.0	27.0	2.2	33.0	19.5	14.0	38.0	26.0	15.0	44.0	30.0	21.0
3.3	33.0	19.0	44.0	26.0	44.0	30.0	3.3	33.0	20.0	16.0	44.0	30.0	18.0	44.0	33.0	24.0
4.7	38.0	21.0	44.0	26.0	46.0	31.0	4.7	38.0	24.0	16.0	44.0	30.0	18.0	46.0	34.0	25.0
6.8	44.0	23.0	46.0	26.0	56.0	35.0	6.8	44.0	26.0	16.0	46.0	32.0	18.0	56.0	39.0	27.0
10.0	44.0	26.0	56.0	27.5	60.0	36.0	10.0	44.0	30.0	18.0	56.0	35.0	19.0	60.0	39.0	30.0