



TMCF03 Metallized Polyester Film Capacitor(MEF)

Distributeur : JBG-METAFIX

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	0.0047~10.0 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 (20°C, 1min)	$\geq 7500M\Omega$ (CR $\leq 0.33 \mu$ F) $\geq 2500s$ (CR $> 0.33 \mu$ F)	

Dimensions

Cap μ F	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	11.0	5.0	9.0	7.5	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0
0.018	11.0	5.0	9.0	7.5	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0
0.022	11.0	5.0	9.0	7.5	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0	12.0	4.0	8.5	10.0
0.033	11.0	5.0	9.0	7.5	12.0	4.3	9.5	10.0	12.0	4.0	8.5	10.0	12.0	4.5	9.8	10.0
0.047	11.0	5.0	9.0	7.5	12.0	4.3	9.5	10.0	12.0	4.0	9.5	10.0	12.0	5.3	10.8	10.0
0.056	11.0	5.0	9.0	7.5	12.0	4.5	10.0	10.0	12.0	4.5	10.0	10.0	12.0	6.2	11.0	10.0
0.068	11.0	5.0	9.0	7.5	12.0	4.5	10.2	10.0	12.0	4.8	10.2	10.0	17.0	5.0	10.0	15.0
0.082	11.0	5.0	9.0	7.5	12.0	4.5	10.2	10.0	12.0	5.3	10.2	10.0	17.0	5.4	10.3	15.0
0.1	11.0	5.0	9.0	7.5	12.0	4.5	10.2	10.0	12.0	6.0	11.0	10.0	17.0	5.3	12.0	15.0
0.15	11.0	5.0	9.0	7.5	12.0	5.5	10.5	10.0	17.0	5.2	10.5	15.0	17.0	6.4	13.0	15.0
0.22	11.0	6.0	10.0	7.5	12.0	5.5	11.0	10.0	17.0	5.5	12.3	15.0	22.5	6.4	13.0	20.0
0.27	11.0	6.0	10.0	7.5	12.0	5.5	11.0	10.0	17.0	6.3	13.0	15.0	22.5	7.0	13.8	20.0
0.33	13.0	6.0	10.5	10.0	17.0	5.6	11.0	15.0	17.0	7.0	13.5	15.0	22.5	7.6	14.5	20.0
0.39	13.0	6.0	11.0	10.0	17.0	5.6	12.5	15.0	22.5	5.0	13.0	20.0	22.5	8.3	15.6	20.0
0.47	13.0	6.5	11.5	10.0	17.0	6.0	12.8	15.0	22.5	5.0	13.8	20.0	22.5	9.2	16.2	20.0
0.56	13.0	7.0	12.0	10.0	17.0	6.8	13.5	15.0	22.5	7.5	14.3	20.0	22.5	9.3	18.0	20.0
0.68	19.0	6.5	12.0	15.0	17.0	7.2	14.0	15.0	22.5	8.0	14.8	20.0	28.5	8.8	17.3	26.0
0.82	19.0	7.0	13.0	15.0	22.5	6.5	13.0	20.0	22.5	9.2	16.0	20.0	28.5	9.6	18.3	26.0
1.0	19.0	7.5	13.0	15.0	22.5	7.3	14.0	20.0	22.5	9.2	17.5	20.0	28.5	10.8	19.4	26.0
1.2	19.0	8.0	14.0	15.0	22.5	8.0	15.0	20.0	22.5	10.5	18.8	20.0	28.5	12.0	20.5	26.0
1.5	19.0	9.0	14.5	15.0	22.5	8.3	16.5	20.0	22.5	12.0	20.2	20.0	33.5	12.0	20.5	31.0
1.8	19.5	9.5	15.0	15.0	22.5	9.2	17.5	20.0	28.5	11.0	19.3	26.0	33.5	12.5	22.0	31.0
2.0	22.5	9.8	18.0	20.0	22.5	9.8	18.0	20.0	28.5	11.5	19.8	26.0	33.5	13.2	22.6	31.0
2.2	24.0	8.5	15.5	20.0	22.5	10.2	18.5	20.0	28.5	12.2	20.5	26.0	33.5	13.8	23.5	31.0
2.5	24.0	8.5	16.0	20.0	28.5	9.5	17.0	26.0	28.5	13.0	21.5	26.0	33.5	15.2	25.0	31.0
2.7	24.0	9.0	16.0	20.0	28.5	9.7	18.3	26.0	28.5	13.0	23.0	26.0				
3.3	24.0	10.0	17.0	20.0	33.5	9.8	18.3	31.0	33.5	13.5	22.0	31.0				
4.7	29.0	10.5	18.0	25.0	33.5	9.8	20.5	31.0	33.5	15.6	25.7	31.0				
5.6	29.0	11.0	18.5	25.0	33.5	10.0	22.5	31.0	33.5	17.3	27.2	31.0				
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0.082	11.0	5.0	9.0	7.5	12.0	4.5	10.2	10.0	12.0	5.3	10.2	10.0	17.0	5.4	10.3	15.0
0.1	11.0	5.0	9.0	7.5	12.0	4.5	10.2	10.0	12.0	6.0	11.0	10.0	17.0	5.3	12.0	15.0
0.15	11.0	5.0	9.0	7.5	12.0	5.5	10.5	10.0	17.0	5.2	10.5	15.0	17.0	6.4	13.0	15.0
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0.39	13.0	6.0	11.0	10.0	17.0	5.6	12.5	15.0	22.5	5.0	13.0	20.0	22.5	8.3	15.6	20.0
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1.2	19.0	8.0	14.0	15.0	22.5	8.0	15.0	20.0	22.5	10.5	18.8	20.0	28.5	12.0	20.5	26.0
1.5	19.0	9.0	14.5	15.0	22.5	8.3	16.5	20.0	22.5	12.0	20.2	20.0	33.5	12.0	20.5	31.0
1.8	19.5	9.5	15.0	15.0	22.5	9.2	17.5	20.0	28.5	11.0	19.3	26.0	33.5	12.5	22.0	31.0
2.0	22.5	9.8	18.0	20.0	22.5	9.8	18.0	20.0	28.5	11.5	19.8	26.0	33.5	13.2	22.6	31.0
2.2	24.0	8.5	15.5	20.0	22.5	10.2	18.5	20.0	28.5	12.2	20.5	26.0	33.5	13.8	23.5	31.0
2.5	24.0	8.5	16.0	20.0	28.5	9.5	17.0	26.0	28.5	13.0	21.5	26.0	33.5	15.2	25.0	31.0
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