



TMCF18 Metallized Polypropylene Film X2 Capacitor

Features

- Box type provides the identical outer appearance
- Very Low Loss at high frequency, suitable for high current
- High insulation resistance, long life due to self-healing effect
- Withstanding 2.5Kv impulse voltage, Class X2
- As an across-the-line type noise suppression capacitor, and suitable for AC purpose



Configuration

Non-inductive, wound with metallized polypropylene film as the dielectric and electrode, with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

Specifications & Outline Drawing

Reference Standard	GB/T14472-1998 (IEC 60384-14)
Climatic Category	40/100/21
Rated Voltage	280VAC
Capacitance Range	0.0022--4.7uF
Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)
Voltage Proof	4.3U _R (5s)
Dissipation Factor	≤0.15% CR≤1.0uF ≤0.3% CR>1.0uF(20℃, 10KHz)
Insulation Resistance (20℃, 1min)	≥30000MΩ(CR≤0.33uF) ≥10000s(CR>0.33uF)

Dimensions

UF \ SIZE	W(mm)	T(mm)	H(mm)	P(mm)	d(φ mm)	UF \ SIZE	W(mm)	T(mm)	H(mm)	P(mm)	d(φ mm)
0.0022	13.0	4.0	9.0	10.0	0.6	0.18	26.5	6.0	15.0	22.5	0.8
0.0027	13.0	4.0	9.0	10.0	0.6	0.22	18.0	8.5	14.5	15.0	0.8
0.0033	13.0	4.0	9.0	10.0	0.6	0.22	26.5	7.0	16.5	22.5	0.8
0.0039	13.0	4.0	9.0	10.0	0.6	0.27	26.5	8.5	16.5	22.5	0.8
0.0047	13.0	4.0	9.0	10.0	0.6	0.33	18.0	8.5	14.5	15.0	0.8
0.0056	13.0	5.0	11.0	10.0	0.6	0.33	26.5	7.0	16.5	22.5	0.8
0.0068	13.0	5.0	11.0	10.0	0.6	0.39	18.0	9.5	15.5	15.0	0.8
0.0082	13.0	5.0	11.0	10.0	0.6	0.39	26.5	10.0	20.0	22.5	0.8
0.01	13.0	5.0	11.0	10.0	0.6	0.47	18.0	10.0	16.0	15.0	0.8
0.012	13.0	5.0	11.0	10.0	0.6	0.47	26.5	10.0	20.0	22.5	0.8
0.015	13.0	5.0	11.0	10.0	0.6	0.56	26.5	11.0	20.0	22.5	0.8
0.018	13.0	5.0	11.0	10.0	0.6	0.56	32.0	11.0	20.0	27.5	0.8
0.022	13.0	5.0	11.0	10.0	0.6	0.68	26.5	11.0	20.0	22.5	0.8
0.027	13.0	5.0	11.0	10.0	0.6	0.68	32.0	11.0	20.0	27.5	0.8
0.033	13.0	5.0	11.0	10.0	0.6	0.82	26.5	12.0	21.5	22.5	0.8
0.039	13.0	6.0	12.0	10.0	0.6	0.82	32.0	13.0	22.0	27.5	0.8
0.047	13.0	6.0	12.0	10.0	0.6	1.0	32.0	13.0	22.0	27.5	0.8
0.047	18.0	5.0	11.0	15.0	0.8	1.0	37.0	13.5	25.0	31.5	0.8
0.056	13.0	6.0	12.0	10.0	0.6	1.5	32.0	13.0	22.0	27.5	0.8
0.056	18.0	5.0	11.0	15.0	0.8	1.5	37.0	17.0	26.5	31.5	0.8
0.068	13.0	6.0	12.0	10.0	0.6	1.8	37.0	19.0	29.0	31.5	0.8
0.068	18.0	5.0	11.0	15.0	0.8	2.0	31.0	22.0	31.0	27.5	0.8
0.082	13.0	6.0	12.0	10.0	0.6	2.0	38.0	18.0	28.0	31.5	0.8
0.082	18.0	5.2	11.5	15.0	0.8	2.2	31.0	22.0	31.0	27.5	0.8
0.1	13.0	6.0	12.0	10.0	0.6	2.2	38.0	19.0	29.0	31.5	0.8
0.1	18.0	6.0	12.0	15.0	0.8	2.5	38.0	20.0	30.0	31.5	0.8
0.12	18.0	6.3	13.0	15.0	0.8	3.0	38.0	20.0	30.0	31.5	0.8
0.15	18.0	7.5	13.0	15.0	0.8	3.3	38.0	21.7	31.3	31.5	0.8
0.15	26.5	6.0	15.0	22.5	0.8	4.0	48.0	30.0	30.0	41.5	0.8
0.18	18.0	8.5	14.5	15.0	0.8	4.7	48.0	30.0	30.0	41.5	0.8