

TMCF30 Metallized Polypropylene Film X1 Capacitor

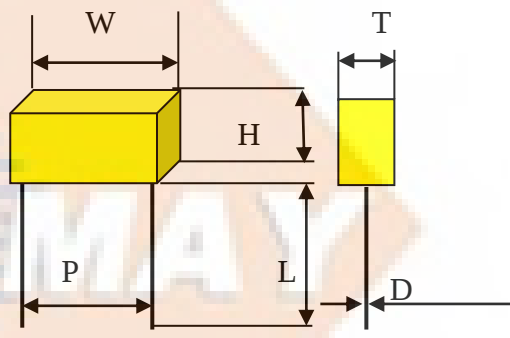
Features

- 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
- As an across-the-line type noise suppression capacitor, and Suitable for AC purpose

Outline Drawing

X1-MKP are non-inductively wound with metallized polypropylene film as the dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

Specifications

Reference Standard	GB/T6346.14-2015	
Working Temperature	-40~+105°C	
Rated Voltage	440VAC	
Capacitance Range	0.1uF	
Capacitance Tolerance	±10%(K)	
Voltage Proof	4.3UR (5S)	
Dissipation Factor	≤0.1% (20°C ,10KHz)	
Insulation Resistance (20°C ,1min)	≥15000MΩ (CR≤ 0.33 uF) ≥5000S (CR>0.33 uF)	

Dimensions

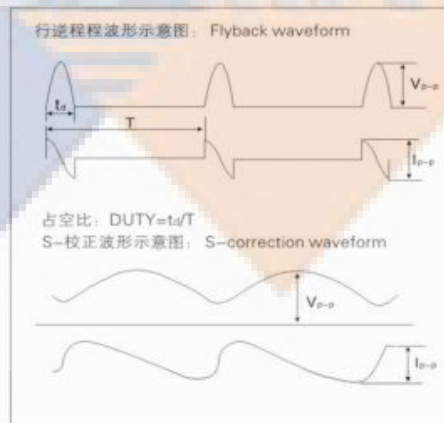
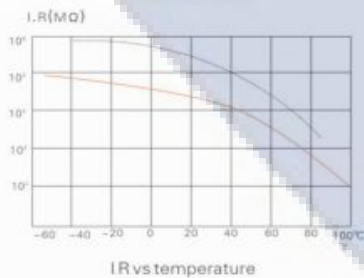
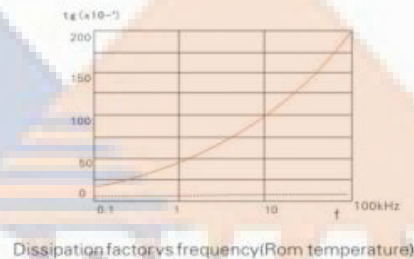
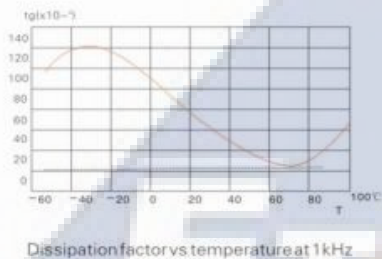
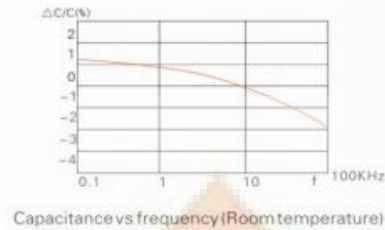
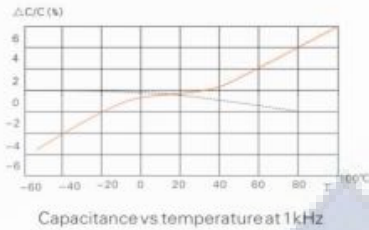
Item	W(mm) ±0.5	T(mm) ±0.5	H(mm) ±0.5	P(mm) ±0.5	dφ (mm) ±0.05	L(mm) ±1
TMCF30-104K440VACP22.5B	26.5	7	16.5	22.5	0.8	22

Property Test

NO.	1	2	3	4	5	6	7	8	9	10
Co(nF)	96.7	97.2	96.9	98.1	99.4	98.7	100.2	97.5	101.2	98.1
DIS	0.06	0.06	0.06	0.05	0.06	0.05	0.05	0.06	0.06	0.06
IR	≥15000MΩ, C≤0.33μF									
Approval	OK									

Typical graphs

典型的电容器特性的曲线 Typical graphs



——聚丙烯薄膜 (Polypropylene film)
 ----聚酯薄膜 (Polyester film)