

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



Outline Drawing

X2-MKP are non-inductively 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 sealed. They provide Interference suppression with safety approvals. They are suitable for Across-the-line capacitors, EMI filters, spark-killer circuits, etc.

Specifications

Reference Standard	GB/T6346.14-2015	
Operating Temperature	40/110/21	
Rated Voltage	305VAC	
Capacitance Range	3.3uF	
Capacitance Tolerance	10%(K)	
Withstand voltage	1300VDC	
Dissipation Factor	≤0.1% (20°C ,1KHz)	
Insulation Resistance (20°C ,1min)	≥15000MΩ (C≤ 0.33 uF) ≥5000 MΩ ·uF/C (CR>0.33 uF)	

Dimensions

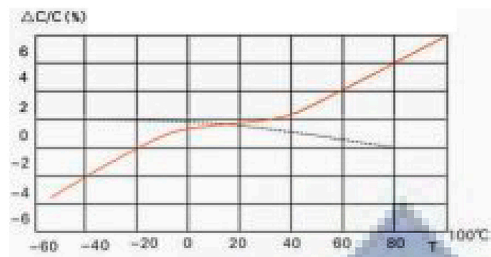
Item	W±0.5	H±0.5	T±0.5	D±0.05	L±1	P±0.5
TMCF18-335K305VP37.5B	41	22	12	1.0	22	37.5

Part Number Naming Rule:

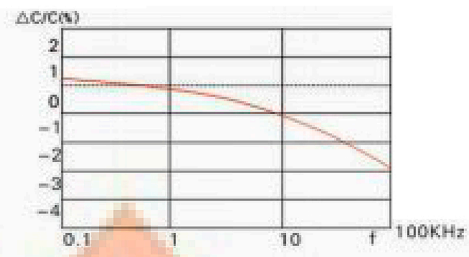
<u>TMCF</u>	<u>18</u>	<u>-</u>	<u>335</u>	<u>K</u>	<u>305V</u>	<u>P37.5</u>	<u>B</u>
Product Category	Sub-Series		Capacitance	Tolerance-10%	Voltage	Pitch	Packing-bulk

Typical Graphs

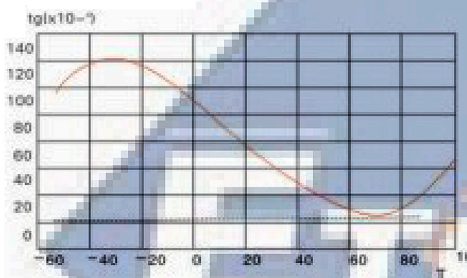
Typical graphs



Capacitance vs temperature at 1kHz



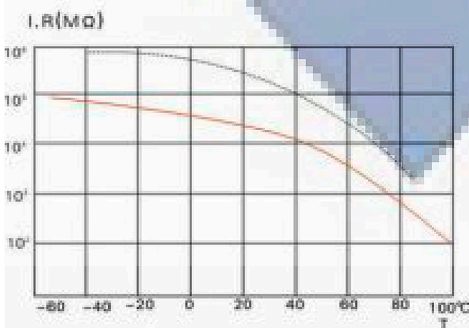
Capacitance vs frequency (Room temperature)



Dissipation factor vs temperature at 1kHz



Dissipation factor vs frequency (Room temperature)



IR vs temperature

..... Polypropylene Film
 Polyester Film

