



Metallized Polyester Film Capacitor - Oven Series



● Features and applications:

1. Special design for resistance against heat
2. High isolation resistance and moisture proof
3. Excellent stability on capacitance
4. Self-healing
5. Used for the starting and working of single phase motor with 50Hz/60Hz frequency AC in power supplying of electric oven.
6. Excellent performance and high reliability

■ 技术参数 Technical Specifications

项目 Items	性能要求 Characteristics		
引用标准 Reference Standard	GB/T 7332 (IEC60384-2)		
气候类别 Climatic Category	40/125/21		
额定温度 Rate Temperature	85℃		
工作温度范围 Operating Temperature Range	-40~125℃ (+85℃to +125℃:decreasing factor 1.25% per °C for V_R (DC))		
额定电压 Rated Voltage	170~600VAC		
电容量范围 Capacitance Range	0.1 μ F~10 μ F		
电容量偏 Capacitance Tolerance	$\pm 5\%$ (J); $\pm 10\%$ (K); $\pm 20\%$ (M) (1kHz)		
耐电压 Voltage Proof	1.75 U_R (5S)		
损耗角正切 Dissipation Factor	$\leq 10 \times 10^{-3}$ (20℃ ; 1kHz)		
绝缘电阻 Insulation Resistance	$U_R > 100V$	$C_R \leq 0.33 \mu F \geq 7500 M\Omega$ $C_R > 0.33 \mu F \geq 2500 S$	20℃, 100VDC, 1min

Remark: Special needs can be designed according to customer requirements