

CL21B Box Type Metallized Polyester Film Capacitor

FEATURES

Non-inductive, plastic case and epoxy resin.

Box type provides the identical outer appearance.

High reliability.

SPECIFICATIONS

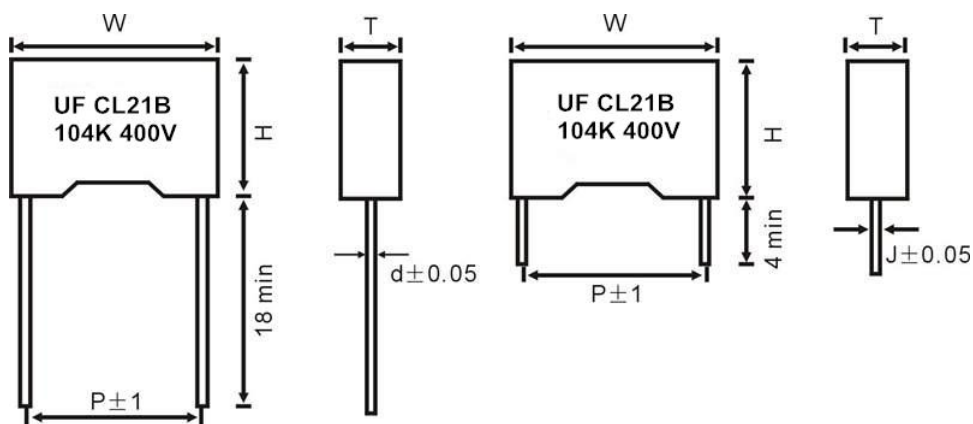
Reference Standard	GB7332 (IEC 60384-2)
Operating Temperature	-40 ~ +105 - (-40 ~ +125 - on request, pls contact sales)
Climatic Category	40/85/21
Rated Voltage	63V, 100V, 160V, 250V, 400V, 630V.DC
Capacitance Range	0.001 ~ 2.2 μ F
Capacitance Tolerance	\pm 5%, \pm 10%, \pm 20%
Voltage Proof	1.6U _R (5s)
Insulation Resistance	

U _R >100V	\geq 7500M Ω , C _R \leq 0.33 μ F	(20 $^{\circ}$ C, 100V, 1min)
	\geq 2500s, C _R >0.33 μ F	
U _R \leq 100V	\geq 3750M Ω , C _R \leq 0.33 μ F	(20 $^{\circ}$ C, 10V, 1min)
	\geq 1250s, C _R >0.33 μ F	

Dissipation Factor

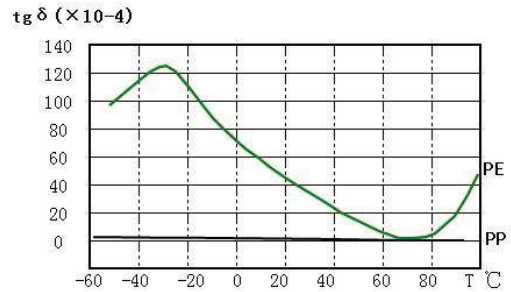
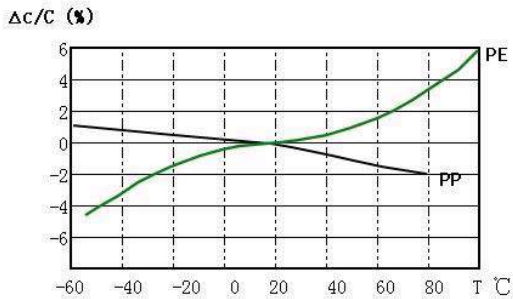
Frequency	C _R \leq 0.1 μ F	C _R >0.1 μ F
1KHz	\leq 1.0%	\leq 1.0%

DRAWING

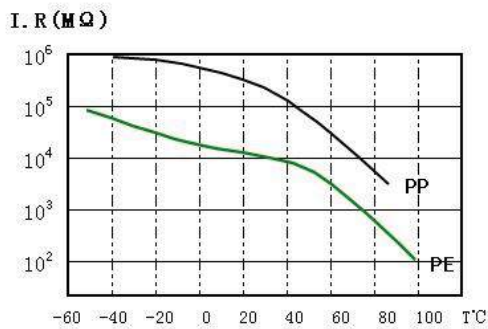


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Film capacitor characteristics typical curve



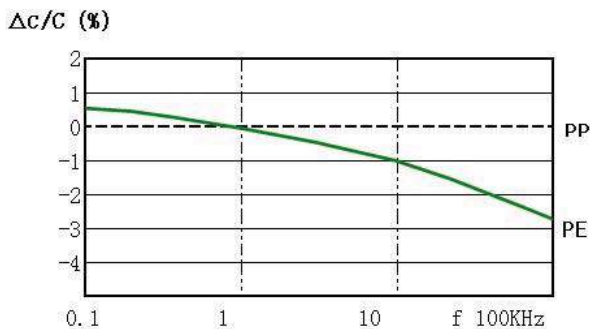
Dissipation factor vs.temperature at 1KHz



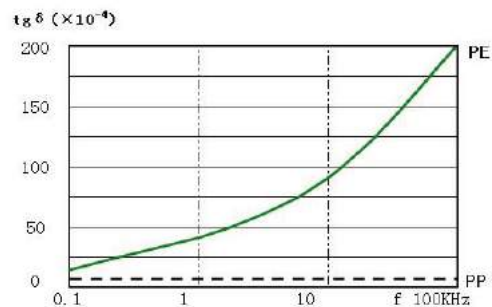
I.R.vs.temperature

PE: Polyester Film
 PP: Polypropylene Film

Frequency Characteristics



Capacitance vs.frequency (Room temperature)



Dissipation factor vs. frequency (Room Temperature)

Soldering temperature vs time

