

## CL21B Box Type Metallized Polyester Film Capacitor

### FEATURES

Non-inductive, plastic case and epoxy resin.

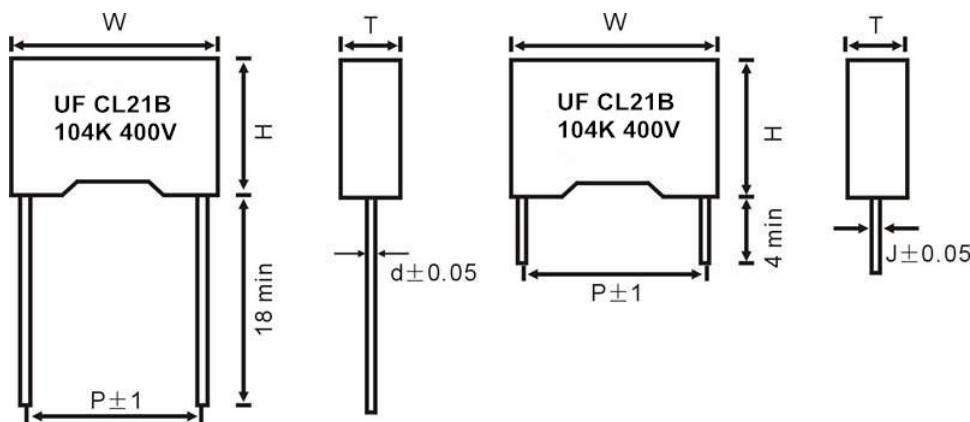
Box type provides the identical outer appearance.

High reliability.

### SPECIFICATIONS

Reference Standard	GB7332 (IEC 60384-2)							
Operating Temperature	-40°C ~ +85°C							
Climatic Category	40/85/21							
Rated Voltage	63V, 100V, 160V, 250V, 400V, 630V.DC							
Capacitance Range	0.001 ~ 2.2μF							
Capacitance Tolerance	±5%, ±10%, ±20%							
Voltage Proof	1.6U <sub>R</sub> (5s)							
Insulation Resistance	<table border="1"> <tbody> <tr> <td>U<sub>R</sub>&gt;100V</td> <td><math>\geq 7500M\Omega</math>, C<sub>R</sub>≤0.33μF <math>\geq 2500s</math>, C<sub>R</sub>&gt;0.33μF</td> <td>(20°C, 100V, 1min)</td> </tr> <tr> <td>U<sub>R</sub>≤100V</td> <td><math>\geq 3750M\Omega</math>, C<sub>R</sub>≤0.33μF <math>\geq 1250s</math>, C<sub>R</sub>&gt;0.33μF</td> <td>(20°C, 10V, 1min)</td> </tr> </tbody> </table>		U <sub>R</sub> >100V	$\geq 7500M\Omega$ , C <sub>R</sub> ≤0.33μF $\geq 2500s$ , C <sub>R</sub> >0.33μF	(20°C, 100V, 1min)	U <sub>R</sub> ≤100V	$\geq 3750M\Omega$ , C <sub>R</sub> ≤0.33μF $\geq 1250s$ , C <sub>R</sub> >0.33μF	(20°C, 10V, 1min)
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Dissipation Factor	<table border="1"> <tbody> <tr> <td>Frequency</td> <td>C<sub>R</sub>≤0.1μF</td> <td>C<sub>R</sub>&gt;0.1μF</td> </tr> <tr> <td>1KHz</td> <td>≤1.0%</td> <td>≤1.0%</td> </tr> </tbody> </table>		Frequency	C <sub>R</sub> ≤0.1μF	C <sub>R</sub> >0.1μF	1KHz	≤1.0%	≤1.0%
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1KHz	≤1.0%	≤1.0%						

### DRAWING



# **CL21B Box Type Metallized Polyester Film Capacitor**

## Dimensions (mm)

P:7.5

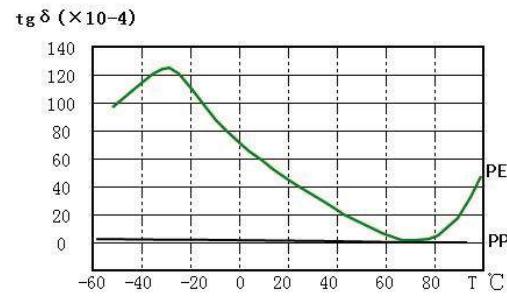
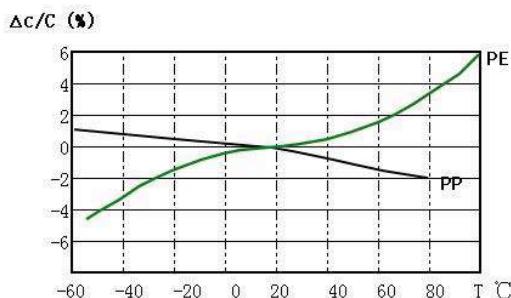
(Pitch Size) P	7.5
(Lead Wire Dia.) d±0.05	0.6
(Dimension Tolerance: W, H, T)	W ±0.5, H±0.5, T±0.5

P=10.0, 15.0

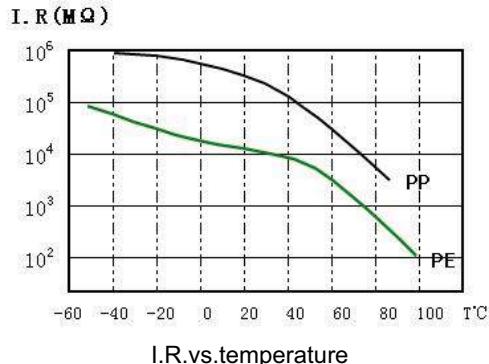
(Pitch Size) P	10.0	15.0
(Lead Wire Dia.) d $\pm$ 0.05	0.6	T $\leq$ 6, d:0.6 T>6, d:0.8
(Dimension Tolerance: W, H, T)	W $\pm$ 0.5, H $\pm$ 0.5, T $\pm$ 0.5	

## CL21B Box Type Metallized Polyester Film Capacitor

### Film capacitor characteristics typical curve



Dissipation factor vs. temperature at 1KHz

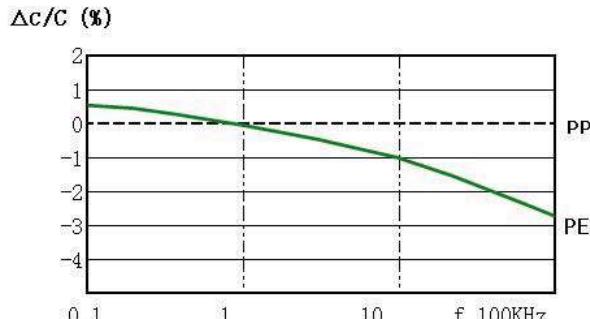


I.R.vs.temperature

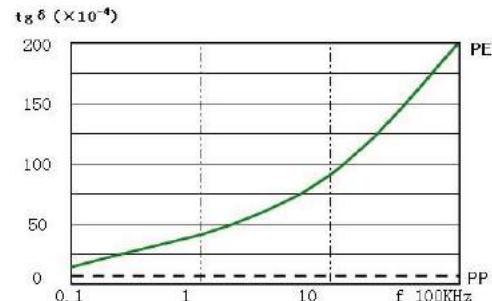
PE: Polyester Film

PP: Polypropylene Film

### Frequency Characteristics



Capacitance vs.frequency (Room temperature)



Dissipation factor vs. frequency (Room Temperature)

### Soldering temperature vs time

