

## Amber Electronic Limited

### A14 - Box-Type Metallized Polyester Film Capacitor (CL23 P=5mm)

#### Features

- Wound in metallized polyester film, box type provides the identical outer appearance
- Low dissipation, small size
- Excellent self-healing, high reliability
- Widely used in DC and pulsating circuits of broadcasting and TV sets, Coupling, all kinds of instruments and communication equipments
- RoHS Compliant

#### Specifications

Item	Performance Characteristics		
Reference Standard	GB/T 7332		
Climatic Category	40/105/56		
Operating Temperature Range	-40~+105°C (+85°C to +105°C; decreasing factor 1.25% per °C for V(dc)		
Rated Voltage Range	63V ~ 630VDC		
Capacitance Range	0.001uF ~ 1.0μF		
Capacitance Tolerance	±5%(J), ±10%(K)		
Voltage Proof	1.6UR (5S)		
Dissipation Factor	≤1% (1KHz, 1.0Vrms, 20°C)		
Insulation Resistance	U <sub>R</sub> >100V	C ≤ 0.33uF, IR ≥ 30000M Ω	C > 0.33uF, IR ≥ 10000S (M Ω / uF) (AT 100VDC 60S)
	U <sub>R</sub> ≤100V	C ≤ 0.33uF, IR ≥ 15000M Ω	C > 0.33uF, IR ≥ 5000S (M Ω / uF) (AT 10VDC 60S)

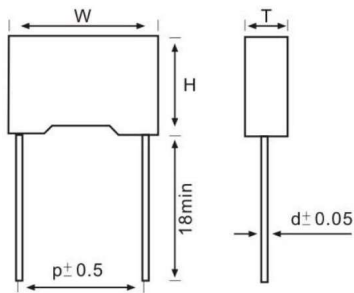
#### Diagram of Dimensions

Unit: mm

Remark:

L=18 min ; d=0.5

Tolerance: W +/-0.5 ; H +/-0.5 ; T +/-0.5 ; P +/-0.5 ; d +/-0.05



Standard Size Unit: mm P=5mm

Rated Voltage (Vdc)	63V			100V			250V			400V			630V		
	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	3.5
0.0022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	3.5
0.0027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	3.5
0.0033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	3.5
0.0039	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	3.5
0.0047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5
0.0056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5
0.0068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5
0.0082	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5
0.010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0
0.012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0
0.015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0
0.018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5			
0.022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0			
0.027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0			
0.033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0			
0.047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0			
0.056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5						
0.068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5						
0.10	7.2	7.5	3.5	7.2	7.5	3.5	7.2	10.0	5.0						
0.12	7.2	9.5	4.5	7.2	9.5	4.5	7.2	11.0	6.0						
0.15	7.2	9.5	4.5	7.2	9.5	4.5	7.2	11.0	6.0						
0.18	7.2	9.5	4.5	7.2	9.5	4.5									
0.22	7.2	10.0	5.0	7.2	10.0	5.0									
0.27	7.2	10.0	5.0	7.2	10.0	5.0									
0.33	7.2	11.0	6.0	7.2	11.0	6.0									
	7.2	7.5	3.5	7.2	7.5	3.5									
0.47	7.2	11.0	6.0	7.2	11.0	6.0									
0.68	7.2	10.0	5.5	7.2	10.0	5.5									
1.0	7.2	11.0	6.0	7.2	11.0	6.0									

Customer products are available on request.