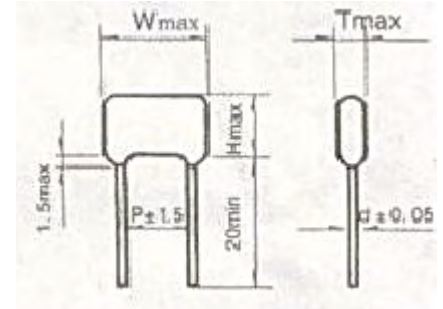


CL12 Polyester Film Capacitors

- Structures: Polypropylene film, non- inductive, phenolic resin coating
- Features: Excellent frequency and temperature characteristics, Very small loss even at high frequency.
- Uses: Most suitable for high frequency, large current circuit and S-shaping correction in TV sets, Widely used in high frequency, high voltage, Dc and pulse circuit.
- In electronic lighting ballast and high voltage power, supplies of high frequency and high pulse rise time circuits.
- According to user's need, capacitor of non standard and special specification can be produced.

Technical Specifications

| Items | Characteristics | |
|-----------------------|--|--------------------------------------|
| Standard | GB 6350 (IEC 384-13) | |
| Climatic | 40/085/21 | |
| Rated voltage | 100,160,200,250,400 ,630V | 1000, 1250,1600V |
| Capacitance Range | 0.001-0.47 uF | 0.001-0.068 uF |
| Capacitance Tolerance | ±2%(G) ; ±5%(J) ; ± 10% (K); ± 20% (M) | |
| Voltage Proof | 2.5U _R (1-5s) | 2.0U _R (1-5s) |
| Insulation Resistance | ≥50000M Ω, C _R ≤ 0.1uF (20°C, 1min) ≥50000M Ω, C _R ≤ 0.1uF | ≥50000M Ω, C _R ≤ 0.1uF |
| Dissipation Factor | ≤0.0008 (20°C, 1KHz) | |



Dimension (mm)

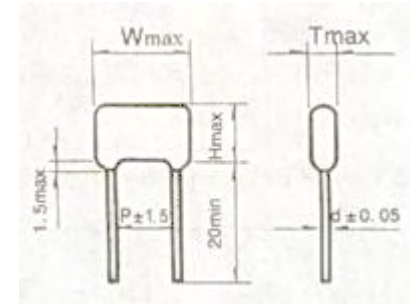
| CR (uR) | 100V | | | | | 160V | | | | | 200V | | | | | 250V | | | | | 400V | | | | |
|------------|------|------|-----|-----|-----|------|------|------|------|-----|------|------|------|------|-----|------|------|------|------|-----|------|------|------|------|-----|
| | W | H | T | P | d | W | H | T | P | d | W | H | T | P | d | W | H | T | P | d | W | H | T | P | d |
| 0.0010 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 11.0 | 6.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0012 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 11.0 | 6.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0015 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 11.0 | 6.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0018 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 12.0 | 7.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0022 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 12.0 | 7.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0027 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 11.0 | 10.0 | 5.0 | 5.5 | 0.5 | 16.0 | 12.0 | 8.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 6.0 | 8.0 | 0.5 |
| 0.0033 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 11.0 | 11.0 | 6.0 | 5.5 | 0.5 | 16.0 | 13.0 | 8.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 7.0 | 8.0 | 0.5 |
| 0.0039 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 11.0 | 11.0 | 6.0 | 5.5 | 0.5 | 16.0 | 13.0 | 8.0 | 10.0 | 0.6 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 17.0 | 13.0 | 7.0 | 8.0 | 0.5 |
| 0.0047 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 11.0 | 11.0 | 7.0 | 5.5 | 0.5 | 16.0 | 13.0 | 8.0 | 10.0 | 0.6 | 14.0 | 12.0 | 9.0 | 7.5 | 0.5 | 17.0 | 13.0 | 7.0 | 10.0 | 0.5 |
| 0.0056 | 11.0 | 10.0 | 6.0 | 5.5 | 0.5 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 19.0 | 13.0 | 8.0 | 13.0 | 0.6 | 14.0 | 12.0 | 9.0 | 7.5 | 0.5 | 17.0 | 13.0 | 8.0 | 10.0 | 0.5 |
| 0.0068 | 11.0 | 10.0 | 7.0 | 5.5 | 0.5 | 14.0 | 12.0 | 7.0 | 7.5 | 0.5 | 19.0 | 13.0 | 8.0 | 13.0 | 0.6 | 14.0 | 13.0 | 10.0 | 7.5 | 0.6 | 17.0 | 13.0 | 8.0 | 10.0 | 0.6 |
| 0.0082 | 11.0 | 10.0 | 7.0 | 5.5 | 0.5 | 14.0 | 12.0 | 8.0 | 7.5 | 0.5 | 19.0 | 13.0 | 8.0 | 13.0 | 0.6 | 14.0 | 13.0 | 10.0 | 7.5 | 0.6 | 17.0 | 14.0 | 9.0 | 10.0 | 0.6 |
| 0.010 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 12.0 | 8.0 | 7.5 | 0.6 | 19.0 | 13.0 | 8.0 | 13.0 | 0.6 | 14.0 | 13.0 | 10.0 | 7.5 | 0.6 | 17.0 | 14.0 | 9.0 | 10.0 | 0.6 |
| 0.012 | 14.0 | 11.0 | 7.0 | 7.5 | 0.5 | 14.0 | 14.0 | 8.0 | 7.5 | 0.6 | 19.0 | 13.0 | 9.0 | 13.0 | 0.6 | 15.0 | 13.0 | 9.0 | 12.5 | 0.6 | 19.0 | 15.0 | 9.0 | 10.0 | 0.6 |
| 0.015 | 14.0 | 11.0 | 7.0 | 7.5 | 0.6 | 14.0 | 14.0 | 10.0 | 7.5 | 0.6 | 19.0 | 13.0 | 9.0 | 12.5 | 0.6 | 19.0 | 13.0 | 9.0 | 12.5 | 0.6 | 19.0 | 15.0 | 9.0 | 13.0 | 0.6 |
| 0.018 | 14.0 | 12.0 | 7.0 | 7.5 | 0.6 | 14.0 | 14.0 | 10.0 | 7.5 | 0.5 | 19.0 | 14.0 | 9.0 | 12.5 | 0.6 | 19.0 | 14.0 | 9.0 | 12.5 | 0.6 | 19.0 | 17.0 | 10.0 | 13.0 | 0.6 |
| 0.022 | 14.0 | 12.0 | 8.0 | 7.5 | 0.6 | 17.0 | 14.0 | 10.0 | 10.0 | 0.5 | 19.0 | 14.0 | 10.0 | 12.5 | 0.6 | 19.0 | 14.0 | 10.0 | 12.5 | 0.6 | 19.0 | 17.0 | 10.0 | 13.0 | 0.6 |

CBB81 High voltage Metallized Foil Series Polypropylene Film Capacitors

- Structures: Metallized polypropylene, polypropylene film, metal foil, flame retardant epoxy resin coating.
- Features: Small size, highly reliable, large current loading and high frequency performance, very low loss, small inherent temperature rise, high insulation resistance temperature coefficient of capacitance is negative and almost constant.
- Uses: Most suitable for high voltage and pulse in the horizontal resonance circuits of color TV sets, electronic lighting ballast and high voltage power supplies of high frequency and high pulse rise time circuits.
- According to user's need, capacitor of non standard and special specification can be produced.

Technical Specifications

| Items | Characteristics |
|-----------------------|---|
| Standard | (IEC384-17) |
| Climatic | 40/085/21 |
| Rated voltage | 1250V-1600VDC(1200V at 15.75KHz, 500VAC) 2000V-2500VDC (1500V at 15.75KHz, 630VAC) |
| Capacitance Range | 0.01 uF-0.036uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); ±3% (H) |
| Voltage Proof | 1.8U _R (1-5S) |
| Insulation Resistance | ≥ 50000M Ω (20°C, 1KHz) |
| Dissipation Factor | ≤ 0.01 (20°C ,1KHz) ≤ 0.015 (20°C ,10KHz) |



Dimension (mm)

| CR (uR) | 1250V-1600VDC(1200V at 15.75KHz, 500VAC) | | | | | 2000V-2500VDC (1500V at 15.75KHz, 630VAC) | | | | |
|---------|--|------|------|------|-----|---|------|------|------|-----|
| | W | H | T | P | d | W | H | T | P | d |
| 0.0010 | 20.0 | 13.5 | 8.0 | 15.0 | 0.8 | 25.0 | 15.5 | 9.0 | 20.0 | 0.8 |
| 0.0011 | 20.0 | 13.5 | 8.0 | 15.0 | 0.8 | 25.0 | 16.0 | 9.0 | 20.0 | 0.8 |
| 0.0012 | 20.0 | 13.5 | 8.0 | 15.0 | 0.8 | 25.0 | 16.0 | 9.5 | 20.0 | 0.8 |
| 0.0013 | 20.0 | 14.0 | 8.0 | 15.0 | 0.8 | 25.0 | 16.5 | 10.0 | 20.0 | 0.8 |
| 0.0015 | 20.0 | 14.0 | 8.5 | 15.0 | 0.8 | 25.0 | 16.5 | 10.5 | 20.0 | 0.8 |
| 0.0016 | 20.0 | 14.0 | 8.5 | 15.0 | 0.8 | 25.0 | 17.0 | 10.5 | 20.0 | 0.8 |
| 0.0018 | 20.0 | 14.5 | 9.0 | 15.0 | 0.8 | 25.0 | 19.0 | 10.5 | 20.0 | 0.8 |
| 0.0020 | 20.0 | 15.0 | 9.5 | 15.0 | 0.8 | 25.0 | 19.0 | 11.0 | 20.0 | 0.8 |
| 0.0022 | 20.0 | 15.5 | 9.5 | 15.0 | 0.8 | 25.0 | 19.5 | 11.0 | 20.0 | 0.8 |
| 0.0024 | 20.0 | 16.0 | 10.0 | 15.0 | 0.8 | 30.0 | 19.0 | 10.5 | 25.0 | 0.8 |
| 0.0027 | 20.0 | 16.0 | 10.0 | 15.0 | 0.8 | 30.0 | 19.5 | 11.0 | 25.0 | 0.8 |

| | | | | | | | | | | |
|--------|------|------|------|------|-----|------|------|------|------|-----|
| 0.0030 | 20.0 | 16.5 | 10.5 | 15.0 | 0.8 | 30.0 | 20.0 | 11.5 | 25.0 | 0.8 |
| 0.0033 | 20.0 | 16.5 | 11.0 | 15.0 | 0.8 | 30.0 | 20.5 | 12.0 | 25.0 | 0.8 |
| 0.0036 | 25.0 | 15.5 | 8.5 | 20.0 | 0.8 | 30.0 | 20.5 | 12.5 | 25.0 | 0.8 |
| 0.0039 | 25.0 | 15.0 | 9.0 | 20.0 | 0.8 | 30.0 | 21.0 | 13.0 | 25.0 | 0.8 |
| 0.0043 | 25.0 | 16.5 | 9.0 | 20.0 | 0.8 | 30.0 | 23.0 | 13.0 | 25.0 | 0.8 |
| 0.0047 | 25.0 | 16.5 | 9.5 | 20.0 | 0.8 | 30.0 | 23.5 | 13.5 | 25.0 | 0.8 |
| 0.0051 | 25.0 | 17.0 | 10.0 | 20.0 | 0.8 | 30.0 | 24.0 | 14.0 | 25.0 | 0.8 |
| 0.0056 | 25.0 | 17.0 | 9.5 | 20.0 | 0.8 | 30.0 | 24.5 | 14.5 | 25.0 | 0.8 |
| 0.0062 | 25.0 | 17.5 | 10.0 | 20.0 | 0.8 | 30.0 | 25.0 | 15.0 | 25.0 | 0.8 |
| 0.0068 | 25.0 | 17.5 | 10.5 | 20.0 | 0.8 | 30.0 | 26.0 | 15.5 | 25.0 | 0.8 |
| 0.0075 | 25.0 | 18.0 | 11.0 | 20.0 | 0.8 | 30.0 | 27.5 | 15.5 | 25.0 | 0.8 |
| 0.0082 | 25.0 | 18.5 | 11.5 | 20.0 | 0.8 | 30.0 | 28.0 | 16.0 | 25.0 | 0.8 |
| 0.0091 | 25.0 | 19.0 | 12.0 | 20.0 | 0.8 | 30.0 | 29.0 | 17.0 | 25.0 | 0.8 |
| 0.010 | 30.0 | 18.0 | 10.5 | 25.0 | 0.8 | 32.5 | 28.5 | 16.0 | 27.5 | 0.8 |
| 0.011 | 30.0 | 18.5 | 11.0 | 25.0 | 0.8 | 32.5 | 29.0 | 17.0 | 27.5 | 0.8 |
| 0.012 | 30.0 | 19.0 | 11.0 | 25.0 | 0.8 | 32.5 | 29.5 | 17.5 | 27.5 | 0.8 |
| 0.013 | 30.0 | 19.5 | 11.5 | 25.0 | 0.8 | 36.0 | 28.0 | 16.0 | 30.0 | 0.8 |
| 0.015 | 30.0 | 20.5 | 12.0 | 25.0 | 0.8 | 36.0 | 29.0 | 17.0 | 30.0 | 0.8 |
| 0.016 | 30.0 | 21.0 | 12.5 | 25.0 | 0.8 | | | | | |
| 0.018 | 30.0 | 21.5 | 13.5 | 25.0 | 0.8 | | | | | |
| 0.020 | 30.0 | 22.0 | 14.0 | 25.0 | 0.8 | | | | | |
| 0.022 | 30.0 | 23.5 | 14.0 | 25.0 | 0.8 | | | | | |
| 0.024 | 30.0 | 24.0 | 14.0 | 25.0 | 0.8 | | | | | |
| 0.027 | 32.5 | 23.5 | 14.0 | 27.5 | 0.8 | | | | | |
| 0.030 | 32.5 | 24.5 | 15.0 | 27.5 | 0.8 | | | | | |
| 0.033 | 32.5 | 25.0 | 15.5 | 27.5 | 0.8 | | | | | |
| 0.036 | 32.5 | 25.5 | 16.0 | 27.5 | 0.8 | | | | | |

CBB65 AC Motor Capacitors

- Features: Small size, reliable performance, self- healing and anti-explosion function.
- Applications: Applied to starting and better working of single phase motor with very high requirement of its safety performance in 50 Hz (60Hz) frequency AC electric power system.

Application requirements:

A: Altitude: ≤ 2000m

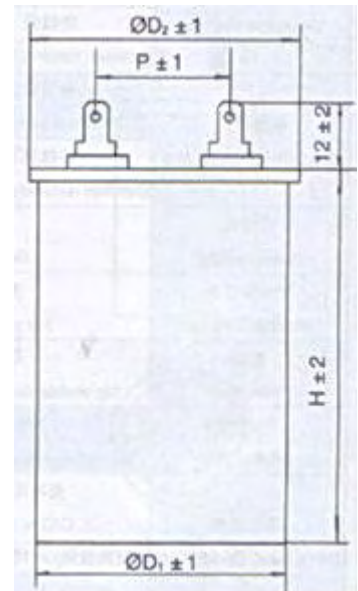
B: Residual voltage while loading: less than 10% of rated voltage

C: Allowed max. Voltage: less than 1.1 times rated voltage

D: Permissible max. Current: less than 1.3 times rated current.

Technical Specifications

| Items | Characteristics | |
|-----------------------|--------------------------------|------------------|
| Standard | GB 3367-1997 (IEC 252-1993) | |
| Climatic | 40/70/21 | |
| Rated voltage | 400V (450V)AC | 500VAC 630VAC |
| | 10 - 70uF | 10- 30 uF |
| Capacitance Range | | |
| Capacitance Tolerance | ±5%(J) | |
| Voltage Proof | 1.75U _R | |
| Insulation Resistance | ≥3000M Ω uF | |
| Dissipation Factor | ≤0.002 (50-100KHz) | |



| VAC 50/60Hz | uF | Dimension (mm) | | | |
|-------------|----|----------------|------|------|----|
| | | Dmax | Dmax | Hmax | P |
| 400(450) | 10 | 50 | 53 | 65 | 18 |
| | 16 | | | 75 | |
| | 20 | | | | |
| | 25 | | | 85 | |
| | 30 | | | 100 | |
| | 35 | | | 110 | |
| | 40 | | | 125 | |
| | 50 | | | 135 | |
| 500 | 30 | 55 | 58 | 135 | 20 |
| | 70 | 60 | 63 | 130 | |
| | 70 | | | 150 | |
| 500 | 10 | 50 | 53 | 85 | 18 |
| | 20 | | | 100 | |
| | 30 | | | 110 | |
| 630 | 10 | 50 | 53 | 85 | 18 |
| | 15 | | | 100 | |
| | 20 | | | 100 | |
| | 30 | | | 135 | |

Note: Other capacitance and dimension series can be ensured according to customer request.

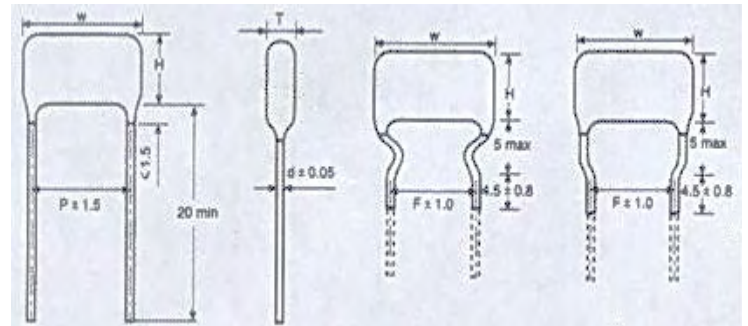
Terminal form can be made in conformity to the requirement of agreements with the customers.

CBB62 Metallized Polypropylene Film Capacitors

- Features: Very small loss, excellent frequency and temperature characteristics, high insulation resistance, Reliable quality due to self healing effect. As an across the line type noise suppression capacitor, and suitable for AC purpose. Withstanding 2.5kV impulse voltage, Class X2 . Flame retardant epoxy resin coating (UL94/V-0)

Technical Specifications

| Items | Characteristics |
|-----------------------|--|
| Standard | GB/T 14472-98 (IEC 384-14) |
| Climatic | 40/085/21 |
| Rated voltage | 250/275VAC, 400VAC |
| Capacitance Range | 0.010 uF-1.0uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); ± 20% (M) |
| Voltage Proof | 4.3UR VDC (5s) |
| Insulation Resistance | ≥150000M Ω, CR ≤ 0.33uF (20°C, 1min, 100V) ≥5000s, CR > 0.33uF |
| Dissipation Factor | ≤ 0.001 (20°C, 1KHz) |



Dimension

| CR (uR) | 250/275 VAC | | | | | 400VAC | | | | |
|---------|-------------|------|------|------|-----|--------|------|------|------|-----|
| | W | H | T | P | d | W | H | T | P | d |
| 0.010 | 14.0 | 12.0 | 7.0 | 10.0 | 0.6 | 14.0 | 12.0 | 7.0 | 10.0 | 0.6 |
| 0.012 | 14.0 | 12.5 | 8.0 | 10.0 | 0.6 | 14.0 | 12.5 | 7.5 | 10.0 | 0.6 |
| 0.015 | 14.0 | 13.0 | 8.0 | 10.0 | 0.6 | 14.0 | 13.0 | 8.0 | 10.0 | 0.6 |
| 0.018 | 14.0 | 13.5 | 8.5 | 10.0 | 0.6 | 14.0 | 14.0 | 8.5 | 10.0 | 0.6 |
| 0.022 | 14.0 | 14.0 | 9.0 | 10.0 | 0.6 | 14.0 | 15.0 | 9.0 | 10.0 | 0.6 |
| 0.027 | 14.0 | 15.0 | 10.0 | 10.0 | 0.6 | 19.0 | 13.0 | 7.0 | 15.0 | 0.6 |
| 0.033 | 14.0 | 15.5 | 10.5 | 10.0 | 0.6 | 19.0 | 13.5 | 8.0 | 15.0 | 0.6 |
| 0.039 | 17.5 | 15.0 | 9.0 | 12.5 | 0.6 | 19.0 | 14.5 | 8.5 | 15.0 | 0.6 |
| 0.047 | 17.5 | 15.5 | 10.0 | 12.5 | 0.6 | 19.0 | 15.0 | 9.0 | 15.0 | 0.6 |
| 0.056 | 17.5 | 16.0 | 10.5 | 12.5 | 0.6 | 19.0 | 17.0 | 9.5 | 15.0 | 0.8 |
| 0.068 | 17.5 | 16.5 | 11.0 | 12.5 | 0.6 | 25.0 | 16.0 | 8.5 | 20.0 | 0.8 |
| 0.082 | 17.5 | 17.5 | 12.0 | 12.5 | 0.6 | 25.0 | 16.5 | 9.0 | 20.0 | 0.8 |
| 0.10 | 25.0 | 15.5 | 10.0 | 20.0 | 0.8 | 25.0 | 17.5 | 10.0 | 20.0 | 0.8 |
| 0.12 | 25.0 | 16.0 | 10.5 | 20.0 | 0.8 | 25.0 | 18.5 | 11.0 | 20.0 | 0.8 |
| 0.15 | 25.0 | 17.0 | 11.5 | 20.0 | 0.8 | 25.0 | 19.5 | 12.0 | 20.0 | 0.8 |
| 0.18 | 25.0 | 18.0 | 12.0 | 20.0 | 0.8 | 25.0 | 20.5 | 13.0 | 20.0 | 0.8 |
| 0.22 | 25.0 | 20.0 | 12.5 | 20.0 | 0.8 | 30.0 | 21.0 | 12.0 | 25.0 | 0.8 |
| 0.27 | 25.0 | 21.0 | 13.5 | 20.0 | 0.8 | 30.0 | 22.5 | 13.0 | 25.0 | 0.8 |
| 0.33 | 25.0 | 22.0 | 15.0 | 20.0 | 0.8 | 30.0 | 23.5 | 14.5 | 25.0 | 0.8 |
| 0.39 | 30.0 | 22.0 | 13.5 | 25.0 | 0.8 | 36.0 | 23.0 | 14.0 | 30.0 | 0.8 |
| 0.47 | 30.0 | 22.0 | 16.0 | 25.0 | 0.8 | 36.0 | 24.5 | 15.5 | 30.0 | 0.8 |
| 0.56 | 30.0 | 25.0 | 15.5 | 25.0 | 0.8 | | | | | |
| 0.68 | 36.0 | 24.5 | 15.5 | 30.0 | 0.8 | | | | | |
| 0.82 | 36.0 | 26.0 | 17.0 | 30.0 | 0.8 | | | | | |
| 1.0 | 36.0 | 28.0 | 18.5 | 30.0 | 0.8 | | | | | |

CBB61 Metallized Polypropylene Film Capacitors

- Features: enclosed in ABS plastic case filled with epoxy resin, is of excellent self healing starting and running circuits at 50Hz (60Hz)

Technical Specifications

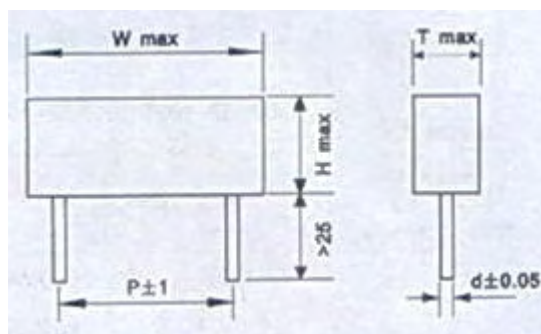
| Items | Characteristics | | Test condition |
|------------------------|--|-----------------|--|
| Standard | SJ2500.1 – 85 (GB3667-97 (ICE 252-93)) | | |
| Climatic | 40/070/21 | | |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K) | | |
| Voltage Proof | 2.0U _R (1-5s) | | |
| Insulation Resistance | Between terminals | ≥ 3000M Ω uF | U _R < 500V, 100VDC, 2min |
| | Between terminal and case | ≥ 1000M Ω uF | U _R < 500V, 500VDC, 2min |
| Dissipation Factor | ≤0.001 (1KHz) | | 50Hz, 20°C |
| Durability | No visible damage, marking clear Δ C/C ≤ 5% ; Δ tgs ≤ 0.002 | | +70°C 1.25U _R 500h |
| Damp heat steady state | Δ C/C ≤ 5% ; Δ tgs ≤ 0.002 >100M Ω (between terminal and cases) | | 40°C 93% 21d |
| Vibration | No visible damage Δ C/C ≤ 5% | | 10-55 Hz 0.75mm, 5h |
| Terminal strength | No visible damage | | Tension strength: 20N, 10S |
| Solderability | Good timing | | Groove soldering |

Dimension (mm)

| CR (uR) | 100V | | | 160V | | |
|------------|------|----|----|------|----|----|
| | W | H | T | W | H | T |
| 1 | 30 | 30 | 15 | 47 | 30 | 14 |
| 1.2 | 30 | 30 | 15 | 47 | 30 | 14 |
| 1.5 | 30 | 30 | 17 | 47 | 30 | 14 |
| 2 | 30 | 30 | 23 | 47 | 40 | 15 |
| 2.5 | 30 | 30 | 23 | 47 | 40 | 15 |
| 3 | 30 | 30 | 23 | 47 | 40 | 15 |
| 4 | | | | 47 | 40 | 17 |
| 5 | | | | 47 | 40 | 21 |
| 6 | | | | 47 | 40 | 25 |
| 8 | | | | 76 | 46 | 21 |

Note: Other capacitance and dimension series can be ensured according to customer request.

Terminal forms can be made in conformity to the requirements of agreements with customer.

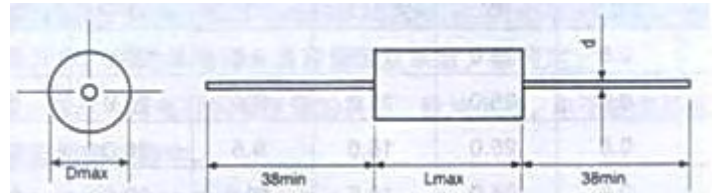


CBB20 Axial Type Metallized Polypropylene Film Capacitors

- Features: Small size, light weight, excellent self healing property. Wrapped with polyester adhesive tape and ends filled with epoxy resin.

Technical Specifications

| Items | Characteristics |
|-----------------------|--|
| Standard | GB 10190 (IEC384-16) |
| Climatic | 40/085/21 |
| Rated voltage | 160/250V, 400V, 630V |
| Capacitance Range | 0.010 uF-3.3uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); ±3% (H) |
| Voltage Proof | 1.6U _R (5S) |
| Insulation Resistance | ≥ 50000M Ω, C _R ≤ 0.33 uF (20°C, 1min) ≥ 15000s, C _R > 0.33 uF |
| Dissipation Factor | ≤ 0.001 (20°C ,1KHz) |



Dimension (mm)

| Dmax | Dmax < 7 | 7 ≤ Dmax < 16 | Dmax ≥ 16 |
|---------|----------|---------------|-----------|
| d± 0.05 | 0.6 | 0.8 | 1.0 |

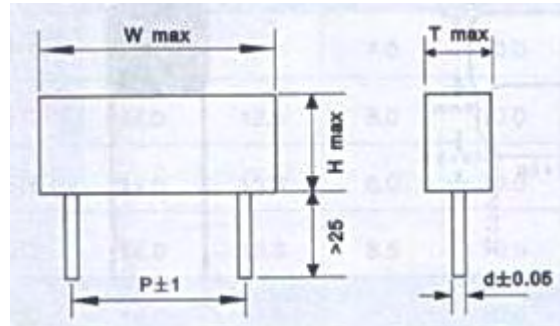
| CR (uF) | 160/250V | | 400V | | 630V | |
|------------|----------|------|------|------|------|------|
| | Dmax | Lmax | Dmax | Lmax | Dmax | Lmax |
| 0.0010 | | | | | 5.0 | 13.0 |
| 0.0015 | | | | | 5.0 | 13.0 |
| 0.0022 | | | | | 5.0 | 13.0 |
| 0.0033 | | | | | 5.0 | 13.0 |
| 0.0047 | | | | | 5.0 | 13.0 |
| 0.0068 | | | 5.0 | 13.0 | 6.0 | 16.5 |
| 0.010 | 5.0 | 13.0 | 6.0 | 16.5 | 6.5 | 16.5 |
| 0.015 | 5.0 | 13.0 | 6.0 | 16.5 | 7.5 | 16.5 |
| 0.022 | 6.0 | 16.5 | 6.5 | 16.5 | 8.5 | 16.5 |
| 0.033 | 6.0 | 16.5 | 7.0 | 16.5 | 8.5 | 20.5 |
| 0.047 | 6.5 | 16.5 | 8.0 | 16.5 | 9.5 | 20.5 |
| 0.068 | 7.5 | 16.5 | 8.0 | 20.5 | 9.0 | 28.0 |
| 0.10 | 8.5 | 16.5 | 9.0 | 20.5 | 10.0 | 28.0 |
| 0.15 | 8.5 | 20.5 | 8.5 | 28.0 | 12.0 | 28.0 |
| 0.22 | 9.5 | 20.5 | 10.0 | 28.0 | 13.0 | 33.0 |
| 0.33 | 9.0 | 28.0 | 11.5 | 28.0 | 15.5 | 33.0 |
| 0.47 | 10.5 | 28.0 | 13.0 | 28.0 | 18.0 | 33.0 |
| 0.68 | 12.0 | 28.0 | 14.5 | 33.0 | 21.0 | 33.0 |
| 1.0 | 13.0 | 33.0 | 17.0 | 33.0 | | |
| 1.5 | 15.5 | 33.0 | 20.0 | 33.0 | | |
| 2.2 | 18.0 | 33.0 | | | | |
| 3.3 | 21.5 | 33.0 | | | | |

(MKP) X2 Electromagnetic Interference Suppression Capacitors Of class X2

- Features: Compact size, with standing over voltage stressing, excellent active and passive flame resistant abilities, widely used in interference suppression circuit.

Technical Specifications

| Items | Characteristics |
|-----------------------|---|
| Standard | GB/T 14472-98 EN132400 (IEC 384-14) |
| Climatic | 40/085/21 |
| Test voltage | 4.3UR (2s) |
| Capacitance Range | 0.01 uF-2.2uF |
| Capacitance Tolerance | ± 10% (K) |
| Voltage Proof | 1.6UR (5s) |
| Insulation Resistance | ≥ 150000M Ω, CR ≤ 0.33uF (20°C, 1min) ≥ 5000s, CR > 0.33uF |
| Dissipation Factor | ≤ 0.001 (20°C, 1KHz) ≤ 0.0015 (20°C, 10KHz) |
| Pulse voltage | 2500V DC |



Dimension

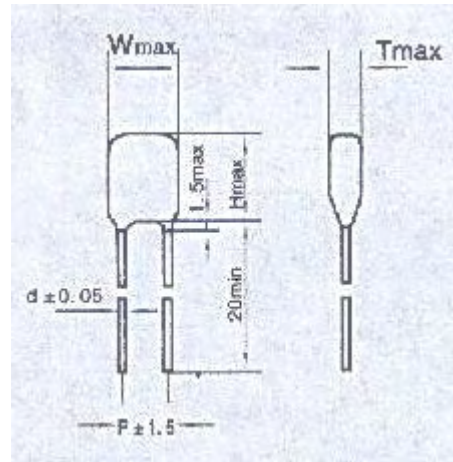
| CR (uF) | Rated Voltage VAC 50/60Hz | Dimension (mm) | | | | |
|---------|---------------------------|----------------|------|-----|------|-----|
| | | W | H | T | P | d |
| 0.01 | 275 | 13 | 11 | 5 | 10 | 0.6 |
| 0.015 | | 13 | 11 | 5 | 10 | 0.6 |
| 0.022 | | 13 | 11 | 5 | 10 | 0.6 |
| 0.033 | | 13 | 12 | 6 | 10 | 0.6 |
| 0.047 | | 18 | 12 | 6 | 15 | 0.8 |
| 0.068 | | 18 | 12 | 6 | 15 | 0.8 |
| 0.1 | | 18 | 13.5 | 6 | 15 | 0.8 |
| 0.15 | | 18 | 14.5 | 8.5 | 15 | 0.8 |
| 0.22 | | 26.5 | 16.5 | 7 | 22.5 | 0.8 |
| 0.33 | | 26.5 | 17 | 8.5 | 22.5 | 0.8 |
| 0.47 | | 26.5 | 19 | 10 | 22.5 | 0.8 |
| 0.47 | | 32 | 20 | 11 | 27.5 | 0.8 |
| 0.68 | | 32 | 20 | 11 | 27.5 | 0.8 |
| 1.0 | | 32 | 25 | 14 | 27.5 | 0.8 |
| 2.0 | | 32 | 33 | 18 | 27.5 | 0.8 |

CL11X Polyester Film Capacitors

- Structure: Polyester film used as dielectric, inductive construction, epoxy resin dip sealed.
- Features: Excellent insulation and heat proof, small size, low dissipation good reliability of capacitance.
- Uses: Extensively apply to DC and pulse circuits of broadcasting and TV sets, all kinds of instruments and communication equipments and energy-saving lamps and electronic lighting ballast.
- According to user's need, capacitors of no standard and special specification ca produced.

Technical Specifications

| Items | Characteristics |
|-----------------------|---|
| Standard | GB 6349-1986 (SJ/T 10786-1996) |
| Climatic | 55/085/21 |
| Rated voltage | 63V, 160V, 250V, 400V 630V, 1000V, 1200V |
| Capacitance Range | 0.001 uF-0.47uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); ±20% (M) |
| Voltage Proof | 2.0UR |
| Insulation Resistance | ≥ 30000M Ω |
| Dissipation Factor | ≤ 0.01 (1KHz) ≤ 0.015 (10KHz) |



Miniature Dimension

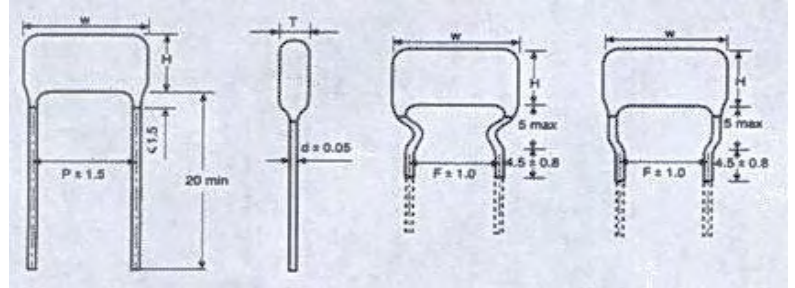
| CR (uF) | 63/160V | | | |
|--------------|---------|------|------|----------|
| | W | H | T | P |
| 0.001-0.0056 | 5.5 | 7.5 | 3.0 | 3.0 |
| 0.0068-0.01 | 6.0 | 7.5 | 3.0 | 3.0 |
| 0.012-0.018 | 6.5 | 9.5 | 3.5 | 4.0 |
| 0.022 | 6.5 | 9.5 | 4.0 | 4.0 |
| 0.027-0.033 | 7.0 | 9.5 | 4.0 | 5.0 |
| 0.039-0.047 | 8.0 | 9.5 | 4.0 | 5.0 |
| 0.056-0.068 | 9.0 | 11.0 | 5.0 | 5.0-6.0 |
| 0.082 | 9.0 | 11.5 | 5.5 | 5.0-7.0 |
| 0.1-0.12 | 10.0 | 11.5 | 6.0 | 5.0-7.0 |
| 0.15 | 11.0 | 12.5 | 6.0 | 5.0-7.0 |
| 0.18 | 12.0 | 13.0 | 7.0 | 6.0-8.0 |
| 0.22 | 13.0 | 13.0 | 7.0 | 6.0-8.0 |
| 0.27 | 13.0 | 14.0 | 8.0 | 6.0-8.0 |
| 0.33 | 13.0 | 14.5 | 8.0 | 8.0-10.0 |
| 0.39 | 14.0 | 15.0 | 10.0 | 8.0-10.0 |
| 0.47 | 15.0 | 15.0 | 11.0 | 8.0-10.0 |

CL21X Metallized Polyester Film Capacitors

- Features: Excellent small size, light weight capacitance range, self healing property, long life and excellent performance.

Technical Specifications

| Items | Characteristics |
|-----------------------|---|
| Standard | GB 7332 (IEC 384-2) |
| Climatic | 55/085/21 |
| Rated voltage | 50/63V- 100V, |
| Capacitance Range | 0.0010 uF-1.0uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); |
| Voltage Proof | 1.6U _R (5s) |
| Insulation Resistance | ≥18000M Ω, C _R ≤0.33Uf (20°C, 100V, 1min) ≥6000s, C _R > 0.33 uf |
| Dissipation Factor | ≤ 0.008 (20°C,1KHz) |



Dimension

| CR (uF) | 50/63V | | | | | 100V | | | | |
|------------|--------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| | W | H | T | P | d | W | H | T | P | d |
| 0.0010 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0012 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0015 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0018 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0022 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0027 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0033 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0039 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.0047 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.0056 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.0068 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.0082 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.010 | 7.3 | 7.0 | 4.0 | 5.0 | 0.5 | 7.3 | 8.0 | 4.0 | 5.0 | 0.5 |
| 0.012 | 7.3 | 7.0 | 4.0 | 7.5 | 0.5 | 7.3 | 7.0 | 4.0 | 5.0 | 0.5 |
| 0.015 | 7.3 | 7.5 | 4.0 | 7.5 | 0.5 | 7.3 | 7.0 | 4.0 | 5.0 | 0.5 |
| 0.018 | 7.3 | 7.5 | 4.0 | 7.5 | 0.5 | 7.3 | 7.5 | 4.0 | 5.0 | 0.5 |
| 0.022 | 7.3 | 7.0 | 4.0 | 7.5 | 0.5 | 7.3 | 7.0 | 4.0 | 5.0 | 0.5 |
| 0.027 | 7.3 | 7.0 | 4.0 | 7.5 | 0.5 | 7.3 | 7.0 | 4.0 | 5.0 | 0.5 |
| 0.033 | 7.3 | 7.5 | 4.5 | 7.5 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.039 | 7.3 | 7.5 | 4.5 | 7.5 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.047 | 7.3 | 7.5 | 4.5 | 7.5 | 0.5 | 7.3 | 7.5 | 4.5 | 5.0 | 0.5 |
| 0.056 | 7.3 | 8.0 | 4.5 | 7.5 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.068 | 7.3 | 8.0 | 4.5 | 7.5 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.082 | 7.3 | 8.0 | 4.5 | 7.5 | 0.5 | 7.3 | 8.0 | 4.5 | 5.0 | 0.5 |
| 0.10 | 7.3 | 9.5 | 4.5 | 7.5 | 0.5 | 7.3 | 9.5 | 4.0 | 5.0 | 0.6 |
| 0.12 | 10.2 | 8.0 | 4.5 | 7.5 | 0.5 | 10.2 | 8.0 | 4.5 | 7.5 | 0.6 |
| 0.15 | 10.2 | 9.0 | 4.5 | 7.5 | 0.5 | 10.2 | 9.0 | 4.5 | 7.5 | 0.6 |
| 0.18 | 10.2 | 9.0 | 4.5 | 7.5 | 0.5 | 10.2 | 9.0 | 4.5 | 7.5 | 0.6 |

| | | | | | | | | | | |
|------|------|------|-----|-----|-----|------|------|------|-----|-----|
| 0.22 | 10.2 | 9.5 | 5.0 | 7.5 | 0.5 | 10.2 | 9.5 | 5.0 | 7.5 | 0.6 |
| 0.27 | 10.2 | 10.0 | 5.5 | 7.5 | 0.5 | 10.2 | 10.0 | 5.5 | 7.5 | 0.6 |
| 0.33 | 10.2 | 8.0 | 5.0 | 7.5 | 0.5 | 10.2 | 11.0 | 6.0 | 7.5 | 0.6 |
| 0.39 | 10.2 | 8.5 | 5.0 | 7.5 | 0.5 | 10.2 | 11.5 | 6.5 | 7.5 | 0.6 |
| 0.47 | 10.2 | 9.0 | 5.5 | 7.5 | 0.5 | 10.2 | 12.0 | 7.0 | 7.5 | 0.6 |
| 0.56 | 10.2 | 9.0 | 6.0 | 7.5 | 0.5 | 10.2 | 12.5 | 7.5 | 7.5 | 0.6 |
| 0.68 | 10.2 | 9.5 | 6.5 | 7.5 | 0.5 | 10.2 | 12.5 | 8.5 | 7.5 | 0.6 |
| 0.82 | 10.2 | 10.0 | 7.0 | 7.5 | 0.5 | 10.2 | 13.5 | 9.5 | 7.5 | 0.6 |
| 1.0 | 10.2 | 11.0 | 7.5 | 7.5 | 0.5 | 10.2 | 14.5 | 10.5 | 7.5 | 0.6 |

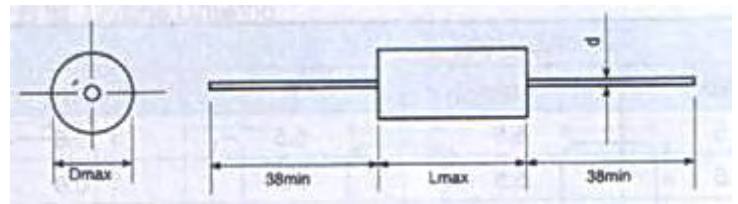
WesTech Component Co., Ltd

CL20 Axial Type Metallized Polyester Film Capacitors

- Features: Small size, light weight, excellent self healing property, wrapped with polyester adhesive tape and ends filled with epoxy resin.

Technical Specifications

| Items | Characteristics |
|-----------------------|--|
| Standard | GB 7332 (IEC 384-2) |
| Climatic | 40/085/21 |
| Rated voltage | 100V, 250V, 400V, 630V, 1000V |
| Capacitance Range | 0.0010 uF-10.0uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); ± 20% (M) |
| Voltage Proof | 1.6UR (5s) |
| Insulation Resistance | ≥30000M Ω, CR ≤ 0.33uF (20°C, 1min) ≥10000s, CR > 0.33uF |
| Dissipation Factor | ≤1.0% (20°C, 1KHz) |



Dimension

| Dmax | Dmax < 7 | 7 Dmax ≤ 16 | Dmax ≥ 16 |
|----------|----------|-------------|-----------|
| D ± 0.05 | 0.6 | 0.8 | 1.0 |

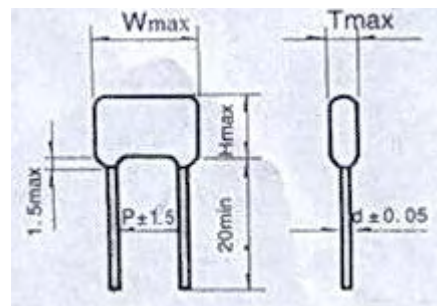
| CR (uF) | 100V | | 250V | | 400V | | 630V | |
|------------|------|------|------|------|------|------|------|------|
| | Dmax | Lmax | Dmax | Lmax | Dmax | Lmax | Dmax | Lmax |
| 0.0010 | | | | | | | 5.0 | 13.0 |
| 0.0015 | | | | | | | 5.0 | 13.0 |
| 0.0022 | | | | | | | 5.0 | 13.0 |
| 0.0033 | | | | | | | 5.0 | 13.0 |
| 0.0047 | | | | | | | 5.0 | 13.0 |
| 0.0068 | | | | | | | 5.0 | 13.0 |
| 0.010 | | | | | 5.0 | 13.0 | 5.5 | 16.5 |
| 0.015 | | | 5.0 | 13.0 | 5.5 | 16.5 | 5.5 | 16.5 |
| 0.022 | | | 5.0 | 13.0 | 5.5 | 16.5 | 6.5 | 16.5 |
| 0.033 | | | 5.0 | 13.0 | 5.5 | 16.5 | 6.5 | 20.5 |
| 0.047 | | | 5.0 | 13.0 | 6.0 | 16.5 | 6.5 | 20.5 |
| 0.068 | 5.0 | 13.0 | 5.5 | 16.5 | 6.5 | 20.5 | 8.0 | 20.5 |
| 0.10 | 5.0 | 13.0 | 5.5 | 16.5 | 6.5 | 20.5 | 8.0 | 28.0 |
| 0.15 | 6.0 | 16.5 | 6.0 | 16.5 | 6.5 | 20.5 | 9.0 | 28.0 |
| 0.22 | 6.5 | 16.5 | 6.5 | 16.5 | 9.0 | 28.0 | 11.0 | 28.0 |
| 0.33 | 7.5 | 16.5 | 7.0 | 20.5 | 9.5 | 28.0 | 11.5 | 33.0 |
| 0.47 | 8.0 | 16.5 | 8.5 | 20.5 | 9.5 | 28.0 | 13.5 | 33.0 |
| 0.68 | 8.5 | 20.5 | 9.0 | 28.0 | 11.0 | 33.0 | 15.5 | 33.0 |
| 1.0 | 10.0 | 20.5 | 9.5 | 28.0 | 13.0 | 33.0 | 19.0 | 33.0 |
| 1.5 | 10.0 | 28.0 | 11.0 | 28.0 | 14.0 | 33.0 | | |
| 2.2 | 11.5 | 28.0 | 13.0 | 33.0 | 16.5 | 33.0 | | |
| 3.3 | 13.5 | 28.0 | 14.0 | 33.0 | 20.0 | 33.0 | | |
| 4.7 | 15.0 | 33.0 | 16.5 | 33.0 | | | | |
| 6.8 | 17.5 | 33.0 | 19.5 | 33.0 | | | | |
| 10.0 | 20.5 | 33.0 | | | | | | |

CL81 High Voltage Metallized Foil Series Polyester Film Capacitors

- Structures: Metallized polyester, polyester film metal foil, flame retardant, epoxy resin coating.
- Features: Small size, light weight capacitance range, good self healing property, long life and excellent performance.
- Uses: Apply to DC and pulse circuits at medium and high voltage, electronic lighting ballast and high voltage power supply of high frequency and high pulse rise time circuits.
- According to user's need, capacitors of no standard and special specification can be produced.

Technical Specifications

| Items | Characteristics |
|-----------------------|--|
| Standard | GB 7332-87 (IEC 384-27) |
| Climatic | 55/085/21 |
| Rated voltage | 1000V, 1250V |
| Capacitance Range | 0.0022 uF-0.22uF |
| Capacitance Tolerance | ±5%(J) ; ± 10% (K); |
| Voltage Proof | 1.5U _R (1-5s) |
| Insulation Resistance | ≥36000M Ω (20°C, 1min) |
| Dissipation Factor | ≤ 0.01 (20°C, 1KHz) ≤ 0.014 (20°C, 10KHz) |



Dimension

| CR (uF) | 100V | | | | | 1250V | | | | |
|------------|------|------|------|------|-----|-------|------|------|------|-----|
| | W | H | T | P | d | W | H | T | P | D |
| 0.0022 | 19.0 | 10.0 | 6.5 | 15.0 | 0.6 | 19.0 | 10.0 | 6.5 | 15.0 | 0.6 |
| 0.0027 | 19.0 | 10.5 | 6.5 | 15.0 | 0.6 | 19.0 | 10.5 | 6.5 | 15.0 | 0.6 |
| 0.0033 | 19.0 | 12.0 | 6.5 | 15.0 | 0.6 | 19.0 | 12.0 | 6.5 | 15.0 | 0.6 |
| 0.0039 | 19.0 | 12.5 | 6.5 | 15.0 | 0.6 | 19.0 | 12.5 | 6.5 | 15.0 | 0.6 |
| 0.0047 | 19.0 | 12.5 | 7.0 | 15.0 | 0.6 | 19.0 | 12.5 | 7.0 | 15.0 | 0.6 |
| 0.0056 | 19.0 | 14.0 | 7.0 | 15.0 | 0.6 | 19.0 | 14.0 | 7.0 | 15.0 | 0.6 |
| 0.0068 | 19.0 | 15.0 | 8.0 | 15.0 | 0.6 | 19.0 | 15.0 | 8.0 | 15.0 | 0.6 |
| 0.0082 | 19.0 | 14.5 | 7.0 | 15.0 | 0.6 | 24.0 | 12.5 | 6.5 | 20.0 | 0.6 |
| 0.010 | 19.0 | 15.0 | 7.5 | 15.0 | 0.6 | 24.0 | 12.5 | 7.0 | 20.0 | 0.6 |
| 0.012 | 19.0 | 15.5 | 8.0 | 15.0 | 0.6 | 24.0 | 13.5 | 7.0 | 20.0 | 0.6 |
| 0.015 | 19.0 | 16.0 | 9.0 | 15.0 | 0.6 | 24.0 | 14.5 | 7.5 | 20.0 | 0.6 |
| 0.018 | 19.0 | 17.0 | 9.5 | 15.0 | 0.6 | 24.0 | 15.5 | 8.0 | 20.0 | 0.6 |
| 0.022 | 19.0 | 18.0 | 10.5 | 15.0 | 0.6 | 24.0 | 16.0 | 8.5 | 20.0 | 0.6 |
| 0.027 | 24.0 | 15.0 | 8.0 | 20.0 | 0.8 | 30.0 | 15.5 | 8.0 | 25.0 | 0.8 |
| 0.033 | 24.0 | 17.0 | 8.0 | 20.1 | 0.8 | 30.0 | 16.0 | 8.5 | 25.0 | 0.8 |
| 0.039 | 24.0 | 17.5 | 8.5 | 20.1 | 0.8 | 30.0 | 16.5 | 9.0 | 25.0 | 0.8 |
| 0.047 | 24.0 | 18.0 | 9.0 | 20.1 | 0.8 | 30.0 | 18.0 | 9.0 | 25.0 | 0.8 |
| 0.056 | 24.0 | 18.5 | 10.0 | 20.1 | 0.8 | 35.0 | 18.0 | 9.0 | 30.0 | 0.8 |
| 0.068 | 24.0 | 19.5 | 11.0 | 20.1 | 0.8 | 35.0 | 18.5 | 9.5 | 30.0 | 0.8 |
| 0.082 | 24.0 | 20.5 | 11.5 | 20.1 | 0.8 | 35.0 | 19.0 | 10.5 | 30.0 | 0.8 |
| 0.10 | 24.0 | 22.5 | 12.0 | 20.1 | 0.8 | 35.0 | 21.0 | 11.0 | 30.0 | 0.8 |
| 0.12 | 30.0 | 21.0 | 10.5 | 25.0 | 0.8 | | | | | |
| 0.15 | 30.0 | 22.0 | 11.5 | 25.0 | 0.8 | | | | | |
| 0.18 | 30.0 | 22.0 | 12.5 | 25.0 | 0.8 | | | | | |
| 0.22 | 30.0 | 24.5 | 14.0 | 25.0 | 0.8 | | | | | |