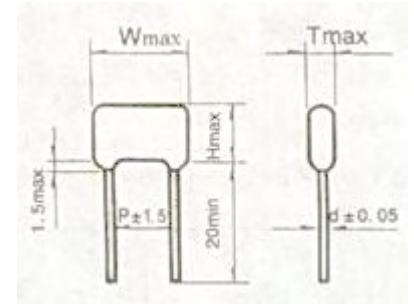


CBB81 High voltage Metallized Foil Series Polypropylene Film Capacitors

- 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 | | | | | |