



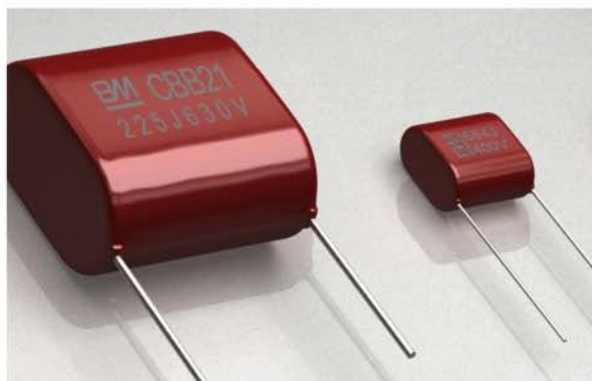
# 金属化聚丙烯薄膜电容器

## METALIZED POLYPROPYLENE FILM CAPACITOR

# CBB21

通用型，采用金属化聚丙烯薄膜无感式卷绕、阻燃环氧粉末封装、镀锡铜线引出，具有防潮能力强、自愈性好、高绝缘、低损耗、低温升等特点。

The general products are wound non-inductive elements by metalized polypropylene film, coated with flame retardant epoxy powder, welded by tinned copper wire. They have the characteristics of good moisture-resistance, good self-healing, high insulation, low dissipation factor, low temperature-rising, etc.



引用标准 Reference standard GB10190, IEC 60384-16

气候类别 Climatic category 40 / 85 / 21

额定电压 Rated voltage 250VDC ~ 630VDC

容量范围 Capacitance range 0.1μF ~ 10μF

容量偏差 Capacitance tolerance ±5%(J)、±10%(K)

耐电压 Voltage proof

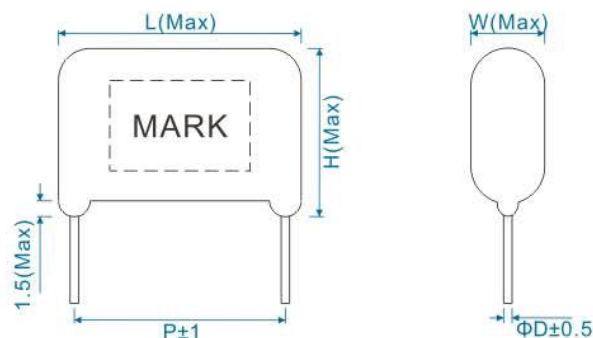
极间 between terminals 1.6\*U<sub>R</sub>(VDC)/10S

绝缘电阻 Insulation resistance(20°C)

极间 between terminals  $\geq 30000M\Omega, C_R \leq 0.33\mu F$  (100Vdc, 60s)  
 $\geq 7500S, C_R > 0.33\mu F$  (100Vdc, 60s)

极壳 between terminals and case  $\geq 100000M\Omega$  (100Vdc, 60s)

损耗角正切 Tangent of loss angle(20°C)  $\leq 0.002$  (1KHz)

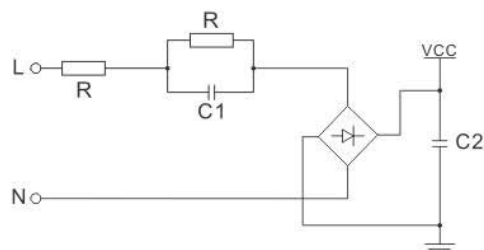


### 常用规格 Dimension

Unit : mm

| Rated<br>Cap. | 250/275VDC |      |      |      |     | 400VDC |      |      |      |     | 630VDC |      |      |      |     |
|---------------|------------|------|------|------|-----|--------|------|------|------|-----|--------|------|------|------|-----|
|               | L          | W    | H    | P    | ΦD  | L      | W    | H    | P    | ΦD  | L      | W    | H    | P    | ΦD  |
| 0.10μF        | 18         | 6.5  | 12.5 | 15.0 | 0.8 | 18     | 6.5  | 12.5 | 15.0 | 0.8 | 18     | 6.5  | 12.5 | 15.0 | 0.8 |
| 0.22μF        | 18         | 6.5  | 12.5 | 15.0 | 0.8 | 18     | 6.5  | 12.5 | 15.0 | 0.8 | 18     | 9.5  | 15.5 | 15.0 | 0.8 |
| 0.33μF        | 18         | 6.5  | 12.5 | 15.0 | 0.8 | 18     | 7.5  | 14   | 15.0 | 0.8 | 23     | 8.5  | 15   | 20.0 | 0.8 |
| 0.47μF        | 23         | 7.0  | 14.5 | 20.0 | 0.8 | 23     | 7.0  | 14.5 | 20.0 | 0.8 | 23     | 9.5  | 17.5 | 20.0 | 0.8 |
| 0.68μF        | 23         | 8.0  | 16   | 20.0 | 0.8 | 23     | 8.0  | 16   | 20.0 | 0.8 | 23     | 11.5 | 19   | 20.0 | 0.8 |
| 0.82μF        | 23         | 7.0  | 14.5 | 20.0 | 0.8 | 23     | 9.0  | 16.5 | 20.0 | 0.8 | 23     | 12.5 | 20   | 20.0 | 0.8 |
| 1.0μF         | 24         | 7.5  | 15.5 | 20.0 | 0.8 | 24     | 10   | 17.5 | 20.0 | 0.8 | 24     | 14   | 21.5 | 20.0 | 0.8 |
| 1.2μF         | 24         | 8.5  | 16.0 | 20.0 | 0.8 | 24     | 11   | 18.5 | 20.0 | 0.8 | 29.5   | 13   | 21   | 26.0 | 0.8 |
| 1.5μF         | 24         | 9.5  | 17.0 | 20.0 | 0.8 | 24     | 12   | 20   | 20.0 | 0.8 | 29.5   | 14.5 | 22   | 26.0 | 0.8 |
| 2.0μF         | 24         | 10.5 | 18.5 | 20.0 | 0.8 | 24     | 14   | 22   | 20.0 | 0.8 | 29.5   | 17   | 25   | 26.0 | 0.8 |
| 2.2μF         | 24         | 11.5 | 19.0 | 20.0 | 0.8 | 29.5   | 12.5 | 20   | 26.0 | 0.8 | 29.5   | 18   | 25.5 | 26.0 | 0.8 |
| 2.5μF         | 24         | 12   | 20.0 | 20.0 | 0.8 | 29.5   | 13   | 21   | 26.0 | 0.8 | 29.5   | 19   | 27   | 26.0 | 0.8 |
| 3.0μF         | 24         | 13.5 | 21.0 | 20.0 | 0.8 | 29.5   | 14.5 | 22   | 26.0 | 0.8 | 35     | 18.5 | 26.5 | 31.0 | 0.8 |
| 3.3μF         | 24         | 14   | 21.5 | 20.0 | 0.8 | 29.5   | 15   | 23   | 26.0 | 0.8 | 35     | 19.5 | 27.5 | 31.0 | 0.8 |

典型线路图  
Typical circuit



C:降压电容  
Capacitive divider