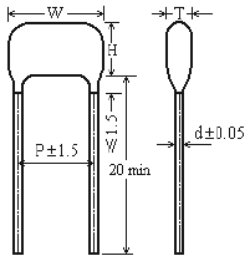


СВВ81 Высоковольтный конденсатор на основе полипропилен - металлизированной плёнки (с большими токами разряда)



| | |
|--|--|
| Диапазон рабочих температур | от -40°C до +105°C |
| Номинальное напряжение | 800В (700Vo-р max) 1000В/1200В (1000Vo-р max) 1600В/2000В (1400Vo-р max) |
| Диапазон ёмкостей | 0.0010мкФ - 0.10мкФ |
| Допустимое отклонение ёмкости, не более | ±3.0%(H), ±5%(J), ±10%(K) |
| Тест перегрузки по напряжению | 1.75 U _R (в течении 5 секунд) |
| Диэлектрические потери | ≤10×10 ⁻⁴ (1кГц, 20°C) ≤20×10 ⁻⁴ (10кГц, 20°C) |
| Сопротивление изоляции | ≥50 000MΩ (20°C, 100В, 1мин) |

| Номинальная ёмкость (мкФ) | 800В (700Vo-р max) | | | | | | | | | | 1000/1200В (1000Vo-р max) | | | | | | | | | | 1600/2000В (1400Vo-р max) | | | | | | | | | |
|---------------------------|--------------------|------|------|------|--------------------------|-----|-----|------|------|------|---------------------------|------|------|------|--------------------------|------|------|------|------|------|---------------------------|------|------|------|--------------------------|------|------|------|------|------|
| | Размеры | | | | Ток I _p -р(A) | | | | | | Размеры | | | | Ток I _p -р(A) | | | | | | Размеры | | | | Ток I _p -р(A) | | | | | |
| | Wmax | Hmax | Tmax | P | f (кГц) | | | | | | Wmax | Hmax | Tmax | P | f (кГц) | | | | | | Wmax | Hmax | Tmax | P | f (кГц) | | | | | |
| 0.0010 | 18.5 | 12.0 | 7.0 | 15.0 | 1.6 | 1.6 | 2.2 | 3.0 | 3.4 | 3.9 | 18.5 | 12.0 | 7.0 | 15.0 | 1.6 | 1.6 | 2.2 | 3.0 | 3.4 | 3.9 | 18.5 | 12.0 | 7.0 | 15.0 | 2.1 | 2.2 | 2.9 | 4.1 | 4.6 | 5.3 |
| 0.0012 | 18.5 | 12.5 | 7.0 | 15.0 | 1.7 | 1.9 | 2.3 | 3.3 | 3.7 | 4.4 | 18.5 | 12.5 | 7.0 | 15.0 | 1.7 | 1.9 | 2.3 | 3.3 | 3.7 | 4.4 | 18.5 | 12.5 | 7.0 | 15.0 | 2.3 | 2.5 | 3.1 | 4.4 | 5.0 | 5.9 |
| 0.0015 | 18.5 | 13.0 | 7.5 | 15.0 | 1.9 | 1.9 | 2.5 | 3.6 | 4.0 | 4.8 | 18.5 | 13.0 | 7.5 | 15.0 | 1.9 | 1.9 | 2.5 | 3.6 | 4.0 | 4.8 | 18.5 | 13.0 | 7.5 | 15.0 | 2.6 | 2.6 | 3.3 | 4.8 | 5.4 | 6.4 |
| 0.0016 | 18.5 | 13.0 | 8.0 | 15.0 | 1.9 | 2.0 | 2.6 | 3.6 | 4.2 | 4.9 | 18.5 | 13.0 | 8.0 | 15.0 | 1.9 | 2.0 | 2.6 | 3.6 | 4.2 | 4.9 | 18.5 | 13.0 | 8.0 | 15.0 | 2.6 | 2.7 | 3.5 | 4.9 | 5.6 | 6.6 |
| 0.0018 | 18.5 | 13.5 | 8.0 | 15.0 | 2.1 | 2.2 | 2.8 | 3.8 | 4.3 | 5.1 | 18.5 | 13.5 | 8.0 | 15.0 | 2.1 | 2.2 | 2.8 | 3.8 | 4.3 | 5.1 | 18.5 | 13.5 | 8.0 | 15.0 | 2.8 | 2.9 | 3.7 | 5.1 | 5.8 | 6.9 |
| 0.0020 | 18.5 | 13.5 | 8.5 | 15.0 | 2.2 | 2.2 | 2.8 | 3.9 | 4.5 | 5.3 | 18.5 | 13.5 | 8.5 | 15.0 | 2.2 | 2.2 | 2.8 | 3.9 | 4.5 | 5.3 | 18.5 | 13.5 | 8.5 | 15.0 | 2.9 | 3.0 | 3.7 | 5.3 | 6.0 | 7.1 |
| 0.0022 | 18.5 | 14.0 | 9.0 | 15.0 | 2.3 | 2.3 | 2.9 | 4.0 | 4.7 | 5.6 | 18.5 | 14.0 | 9.0 | 15.0 | 2.3 | 2.3 | 2.9 | 4.0 | 4.7 | 5.6 | 18.5 | 14.0 | 9.0 | 15.0 | 3.1 | 3.1 | 3.9 | 5.4 | 6.3 | 7.5 |
| 0.0024 | 18.5 | 14.5 | 9.0 | 15.0 | 2.3 | 2.3 | 3.0 | 4.2 | 4.8 | 5.7 | 18.5 | 14.5 | 9.0 | 15.0 | 2.3 | 2.3 | 3.0 | 4.2 | 4.8 | 5.7 | 18.5 | 14.5 | 9.0 | 15.0 | 3.1 | 3.1 | 4.1 | 5.7 | 6.5 | 7.7 |
| 0.0027 | 18.5 | 14.5 | 9.5 | 15.0 | 2.5 | 2.5 | 3.2 | 4.5 | 5.1 | 6.0 | 18.5 | 14.5 | 9.5 | 15.0 | 2.5 | 2.5 | 3.2 | 4.5 | 5.1 | 6.0 | 18.5 | 14.5 | 9.5 | 15.0 | 3.3 | 3.4 | 4.3 | 6.0 | 6.9 | 8.1 |
| 0.0030 | 18.5 | 15.0 | 10.0 | 15.0 | 2.6 | 2.6 | 3.4 | 4.7 | 5.3 | 6.2 | 18.5 | 15.0 | 10.0 | 15.0 | 2.6 | 2.6 | 3.4 | 4.7 | 5.3 | 6.2 | 18.5 | 15.0 | 10.0 | 15.0 | 3.5 | 3.5 | 4.5 | 6.3 | 7.1 | 8.3 |
| 0.0033 | 18.5 | 15.5 | 10.0 | 15.0 | 2.8 | 2.8 | 3.6 | 4.9 | 5.5 | 6.4 | 18.5 | 15.5 | 10.0 | 15.0 | 2.8 | 2.8 | 3.6 | 4.9 | 5.5 | 6.4 | 18.5 | 15.5 | 10.0 | 15.0 | 3.7 | 3.7 | 4.8 | 6.6 | 7.4 | 8.6 |
| 0.0036 | 18.5 | 13.0 | 8.0 | 15.0 | 2.8 | 2.9 | 3.6 | 5.1 | 5.7 | 6.7 | 18.5 | 13.0 | 8.0 | 15.0 | 2.8 | 2.9 | 3.6 | 5.1 | 5.7 | 6.7 | 23.0 | 14.5 | 9.0 | 19.0 | 3.7 | 3.9 | 4.9 | 6.9 | 7.7 | 9.0 |
| 0.0039 | 18.5 | 13.5 | 8.5 | 15.0 | 2.9 | 3.0 | 3.8 | 5.3 | 6.0 | 7.0 | 18.5 | 13.5 | 8.5 | 15.0 | 2.9 | 3.0 | 3.8 | 5.3 | 6.0 | 7.0 | 23.0 | 15.5 | 9.0 | 19.0 | 3.9 | 4.1 | 5.1 | 7.1 | 8.1 | 9.4 |
| 0.0043 | 18.5 | 14.0 | 8.5 | 15.0 | 3.0 | 3.1 | 4.0 | 5.5 | 6.2 | 7.4 | 18.5 | 14.0 | 8.5 | 15.0 | 3.0 | 3.1 | 4.0 | 5.5 | 6.2 | 7.4 | 23.0 | 16.0 | 9.0 | 19.0 | 4.1 | 4.2 | 5.4 | 7.4 | 8.4 | 9.9 |
| 0.0047 | 18.5 | 14.0 | 9.0 | 15.0 | 3.2 | 3.2 | 4.1 | 5.7 | 6.5 | 7.7 | 18.5 | 14.0 | 9.0 | 15.0 | 3.2 | 3.2 | 4.1 | 5.7 | 6.5 | 7.7 | 23.0 | 16.0 | 9.5 | 19.0 | 4.3 | 4.3 | 5.5 | 7.7 | 8.8 | 10.4 |
| 0.0049 | 18.5 | 14.0 | 9.0 | 15.0 | 3.2 | 3.3 | 4.2 | 5.9 | 6.7 | 7.9 | 18.5 | 14.0 | 9.0 | 15.0 | 3.2 | 3.3 | 4.2 | 5.9 | 6.7 | 7.9 | 23.0 | 16.5 | 9.5 | 19.0 | 4.3 | 4.5 | 5.7 | 7.9 | 9.0 | 10.6 |
| 0.0051 | 18.5 | 14.5 | 9.0 | 15.0 | 3.2 | 3.4 | 4.4 | 6.1 | 6.9 | 8.1 | 18.5 | 14.5 | 9.0 | 15.0 | 3.2 | 3.4 | 4.4 | 6.1 | 6.9 | 8.1 | 23.0 | 16.5 | 10.0 | 19.0 | 4.3 | 4.6 | 5.9 | 8.2 | 9.3 | 10.9 |
| 0.0053 | 18.5 | 14.5 | 9.5 | 15.0 | 3.3 | 3.6 | 4.5 | 6.2 | 7.0 | 8.3 | 18.5 | 14.5 | 9.5 | 15.0 | 3.3 | 3.6 | 4.5 | 6.2 | 7.0 | 8.3 | 23.0 | 16.5 | 10.0 | 19.0 | 4.4 | 4.8 | 6.0 | 8.3 | 9.4 | 11.1 |
| 0.0056 | 18.5 | 14.5 | 9.5 | 15.0 | 3.3 | 3.6 | 4.6 | 6.4 | 7.3 | 8.5 | 18.5 | 14.5 | 9.5 | 15.0 | 3.3 | 3.6 | 4.6 | 6.4 | 7.3 | 8.5 | 23.0 | 17.0 | 10.0 | 19.0 | 4.5 | 4.9 | 6.2 | 8.6 | 9.8 | 11.4 |
| 0.0060 | 18.5 | 15.0 | 10.0 | 15.0 | 3.4 | 3.8 | 4.8 | 6.5 | 7.4 | 8.6 | 23.0 | 14.5 | 7.5 | 19.0 | 3.4 | 3.8 | 4.8 | 6.5 | 7.4 | 8.6 | 23.0 | 15.5 | 8.5 | 19.0 | 4.6 | 5.1 | 6.4 | 8.8 | 10.0 | 11.6 |
| 0.0062 | 18.5 | 15.0 | 10.0 | 15.0 | 3.5 | 3.9 | 4.8 | 6.7 | 7.6 | 8.8 | 23.0 | 14.5 | 7.5 | 19.0 | 3.5 | 3.9 | 4.8 | 6.7 | 7.6 | 8.8 | 23.0 | 15.5 | 9.0 | 19.0 | 4.7 | 5.2 | 6.5 | 9.0 | 10.2 | 11.8 |
| 0.0065 | 18.5 | 15.5 | 10.0 | 15.0 | 3.6 | 4.0 | 4.9 | 6.8 | 7.7 | 8.9 | 23.0 | 14.5 | 8.0 | 19.0 | 3.6 | 4.0 | 4.9 | 6.8 | 7.7 | 8.9 | 23.0 | 15.5 | 9.0 | 19.0 | 4.8 | 5.4 | 6.6 | 9.2 | 10.4 | 12.0 |
| 0.0068 | 18.5 | 15.5 | 10.5 | 15.0 | 3.6 | 4.1 | 5.1 | 7.0 | 7.9 | 9.1 | 23.0 | 14.5 | 8.0 | 19.0 | 3.6 | 4.1 | 5.1 | 7.0 | 7.9 | 9.1 | 23.0 | 16.0 | 9.0 | 19.0 | 4.8 | 5.5 | 6.9 | 9.4 | 10.6 | 12.2 |
| 0.0072 | 18.5 | 15.5 | 10.5 | 15.0 | 3.6 | 4.2 | 5.2 | 7.1 | 8.0 | 9.3 | 23.0 | 15.0 | 8.0 | 19.0 | 3.6 | 4.2 | 5.2 | 7.1 | 8.0 | 9.3 | 23.0 | 16.0 | 9.5 | 19.0 | 4.9 | 5.6 | 7.0 | 9.6 | 10.8 | 12.5 |
| 0.0075 | 18.5 | 16.0 | 10.5 | 15.0 | 3.7 | 4.2 | 5.3 | 7.3 | 8.2 | 9.5 | 23.0 | 15.0 | 8.0 | 19.0 | 3.7 | 4.2 | 5.3 | 7.3 | 8.2 | 9.5 | 23.0 | 16.5 | 9.5 | 19.0 | 5.0 | 5.7 | 7.1 | 9.8 | 11.0 | 12.8 |
| 0.0078 | 18.5 | 16.0 | 11.0 | 15.0 | 3.8 | 4.3 | 5.4 | 7.4 | 8.3 | 9.7 | 23.0 | 15.0 | 8.5 | 19.0 | 3.8 | 4.3 | 5.4 | 7.4 | 8.3 | 9.7 | 23.0 | 16.5 | 9.5 | 19.0 | 5.1 | 5.8 | 7.3 | 9.9 | 11.2 | 13.0 |
| 0.0082 | 18.5 | 16.5 | 11.0 | 15.0 | 3.9 | 4.5 | 5.6 | 7.6 | 8.6 | 9.9 | 23.0 | 15.5 | 8.5 | 19.0 | 3.9 | 4.5 | 5.6 | 7.6 | 8.6 | 9.9 | 23.0 | 16.5 | 10.0 | 19.0 | 5.3 | 6.0 | 7.5 | 10.2 | 11.5 | 13.3 |
| 0.0084 | 18.5 | 16.5 | 11.0 | 15.0 | 4.0 | 4.5 | 5.6 | 7.7 | 8.6 | 10.0 | 23.0 | 15.5 | 8.5 | 19.0 | 4.0 | 4.5 | 5.6 | 7.7 | 8.6 | 10.0 | 23.0 | 16.5 | 10.0 | 19.0 | 5.4 | 6.0 | 7.5 | 10.3 | 11.6 | 13.5 |
| 0.0091 | 18.5 | 17.0 | 11.5 | 15.0 | 4.1 | 4.5 | 5.7 | 7.8 | 8.9 | 10.4 | 23.0 | 15.5 | 9.0 | 19.0 | 4.1 | 4.5 | 5.7 | 7.8 | 8.9 | 10.4 | 23.0 | 17.0 | 10.5 | 19.0 | 5.5 | 6.1 | 7.7 | 10.5 | 12.0 | 14.0 |
| 0.010 | 18.5 | 17.5 | 12.0 | 15.0 | 4.3 | 4.8 | 6.0 | 8.1 | 9.2 | 10.9 | 23.0 | 16.0 | 9.0 | 19.0 | 4.3 | 4.8 | 6.0 | 8.1 | 9.2 | 10.9 | 29.0 | 15.5 | 8.5 | 25.0 | 5.8 | 6.4 | 8.0 | 10.9 | 12.4 | 14.6 |
| 0.012 | 18.5 | 13.0 | 8.0 | 15.0 | 4.8 | 5.2 | 6.5 | 8.9 | 10.0 | 11.7 | 23.0 | 16.5 | 10.0 | 19.0 | 4.8 | 5.2 | 6.5 | 8.9 | 10.0 | 11.7 | 29.0 | 16.0 | 9.5 | 25.0 | 6.5 | 7.0 | 8.8 | 12.0 | 13.5 | 15.7 |
| 0.015 | 18.5 | 14.0 | 8.5 | 15.0 | 5.1 | 5.8 | 7.3 | 9.9 | 11.2 | 13.0 | 29.0 | 15.5 | 9.0 | 25.0 | 5.3 | 5.9 | 7.2 | 9.7 | 10.9 | 12.5 | 29.0 | 18.0 | 9.5 | 25.0 | 7.1 | 7.9 | 9.7 | 13.1 | 14.6 | 16.8 |
| 0.018 | 18.5 | 14.5 | 9.5 | 15.0 | 5.3 | 6.0 | 7.5 | 10.2 | 11.5 | 13.3 | 29.0 | 16.5 | 9.5 | 25.0 | 5.9 | 6.6 | 7.9 | 10.7 | 11.8 | 13.4 | 29.0 | 19.0 | 10.5 | 25.0 | 7.9 | 8.9 | 10.6 | 14.4 | 15.9 | 18.0 |
| 0.022 | 18.5 | 15.5 | 10.0 | 15.0 | 5.4 | 6.0 | 7.5 | 10.3 | 11.6 | 13.5 | 29.0 | 18.5 | 10.0 | 25.0 | 6.5 | 7.4 | 8.7 | 11.6 | 12.8 | 14.4 | 29.0 | 20.0 | 11.5 | 25.0 | 8.8 | 10.0 | 11.7 | 15.6 | 17.2 | 19.3 |
| 0.024 | 18.5 | 15.5 | 10.5 | 15.0 | 5.5 | 6.1 | 7.7 | 10.5 | 12.0 | 14.0 | 29.0 | 18.5 | 10.5 | 25.0 | 6.8 | 7.8 | 9.1 | 12.1 | 13.3 | 14.9 | 29.0 | 20.5 | 12.0 | 25.0 | 9.2 | 10.5 | 12.3 | 16.3 | 17.9 | 20.0 |
| 0.027 | 18.5 | 16.0 | 11.0 | 15.0 | 5.8 | 6.4 | 8.0 | 10.9 | 12.4 | 14.6 | 29.0 | 19.0 | 11.0 | 25.0 | 7.4 | 8.3 | 9.6 | 12.7 | 13.8 | 15.4 | 31.0 | 20.5 | 12.0 | 27.0 | 9.9 | 11.2 | 12.9 | 17.1 | 18.5 | 20.7 |
| 0.033 | 23.0 | 16.0 | 9.5 | 19.0 | 6.5 | 7.0 | 8.8 | 12.0 | 13.5 | 15.7 | 29.0 | 20.5 | 12.0 | 25.0 | 8.2 | 9.3 | 10.6 | 13.8 | 14.9 | 16.5 | 31.0 | 21.5 | 13.0 | 27.0 | 11.0 | 12.5 | 14.3 | 18.6 | 20.1 | 22.2 |
| 0.036 | 23.0 | 16.5 | 9.5 | 19.0 | 7.1 | 7.9 | 9.7 | 13.1 | 14.6 | 16.8 | 29.0 | 20.5 | 12.5 | 25.0 | 9.1 | 10.3 | 11.8 | 15.2 | | | | | | | | | | | | |