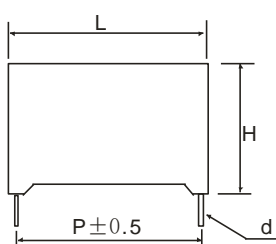


| GENERAL TECHNICAL CHARACTERISTICS | |
|---|--|
| Reference standards : | IEC 61071 |
| Climatic category: | 40/85/56 |
| Dielectric : | Polypropylene film |
| Construction : | Extended double-side metallized carrier film with internal series connection and metallized film |
| Features: | High pulse current. Low inductance. high dv/dt . Self-healing |
| Coating : | The resistant plastic case with resin sealing., Flame retardant execution(UL94V0) |
| ELECTRICAL CHARACTERISTICS | |
| Working temperature : | -40 to + 85°C(max hotspot≤70°C) |
| Storage temperature : | -40 to + 85°C |
| Capacitance : | 0.001 to 1.5μF |
| Rated Voltage: | 630 to 2000 Vdc |
| Dissipation factor: | <0.0005(1k Hz 20± 5°C) |
| Tolerance : | ± 5%(J) ± 10%(K) |
| Life expectancy : | 100,000 hours at Un and 70°C |
| TEST METHODS AND PERFORMANCES | |
| Insulation resistance : | 30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C) |
| Test voltage between terminals and case : | 3.0 KV 50Hz for 60 sec |
| Test voltage between terminals : | 1.5Ur (DC) applied for 10s at 25±5°C |

Outline drawing



Part Numbering System: CHP2000K0.47-C

"C " ="A1(P=15)A(P=22.5) ' B(P=27.5)' C(P=37.5) '

Electrical specifications

| Part Number | Cap (μF) | Dimension (mm) | | | | | du/dt (v/μs) |
|------------------------|----------|----------------|------|------|------|-----|--------------|
| | | L | B | H | P | d | |
| Ur 630Vdc, Urms 400Vac | | | | | | | |
| CHP630K0.01-# | 0.01 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 3300 |
| CHP630K0.015-# | 0.015 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 3300 |
| CHP630K0.022-# | 0.022 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | 3300 |
| CHP630K0.033-# | 0.033 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | 3300 |
| CHP630K0.047-# | 0.047 | 18.0 | 10.0 | 16.0 | 15.0 | 0.8 | 3300 |
| CHP630K0.047-# | 0.047 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 2050 |
| CHP630K0.068-# | 0.068 | 26.5 | 7.0 | 16.0 | 22.5 | 0.8 | 2050 |
| CHP630K0.10-# | 0.10 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 | 2050 |
| CHP630K0.15-# | 0.15 | 26.5 | 11.0 | 20.0 | 22.5 | 0.8 | 2050 |
| CHP630K0.15-# | 0.15 | 31.0 | 11.0 | 20.0 | 27.5 | 0.8 | 1500 |
| CHP630K0.22-# | 0.22 | 31.0 | 13.0 | 22.0 | 27.5 | 0.8 | 1500 |
| CHP630K0.33-# | 0.33 | 31.0 | 15.0 | 24.5 | 27.5 | 0.8 | 1500 |
| CHP630K0.47-# | 0.47 | 31.0 | 18.0 | 33.0 | 27.5 | 1.0 | 1500 |
| CHP630K0.47-# | 0.47 | 42.5 | 17.0 | 28.0 | 37.5 | 1.0 | 950 |
| CHP630K0.68-# | 0.68 | 31.0 | 18.0 | 33.0 | 27.5 | 1.0 | 1500 |
| CHP630K0.68-# | 0.68 | 42.5 | 17.0 | 28.0 | 37.5 | 1.0 | 950 |

Electrical specifications

| Part Number | Cap (μ F) | Dimension (mm) | | | | | du/dt (V/ μ s) |
|-------------------------|-------------------|----------------|------|------|------|-----|-----------------------|
| | | L | B | H | P | d | |
| Ur 630Vdc, Urms 400Vac | | | | | | | |
| CHP630K1.0-# | 1.0 | 42.5 | 22.0 | 30.0 | 37.5 | 1.0 | 950 |
| CHP630K1.5-# | 1.5 | 42.5 | 28.0 | 37.0 | 37.5 | 1.0 | 950 |
| Ur 1000Vdc, Urms 600Vac | | | | | | | |
| CHP1000K0.0047-# | 0.0047 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 5500 |
| CHP1000K0.0068-# | 0.0068 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 5500 |
| CHP1000K0.01-# | 0.01 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | 5500 |
| CHP1000K0.015-# | 0.015 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | 5500 |
| CHP1000K0.022-# | 0.022 | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 | 5500 |
| CHP1000K0.022-# | 0.022 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 2600 |
| CHP1000K0.033-# | 0.033 | 26.5 | 7.0 | 16.0 | 22.5 | 0.8 | 2600 |
| CHP1000K0.047-# | 0.047 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 | 2600 |
| CHP1000K0.068-# | 0.068 | 26.5 | 10.0 | 18.5 | 22.5 | 0.8 | 2600 |
| CHP1000K0.10-# | 0.10 | 26.5 | 13.0 | 22.0 | 22.5 | 0.8 | 2600 |
| CHP1000K0.10-# | 0.10 | 31.0 | 11.0 | 20.0 | 27.5 | 0.8 | 1850 |
| CHP1000K0.15-# | 0.15 | 31.0 | 13.0 | 22.0 | 27.5 | 0.8 | 1850 |
| CHP1000K0.22-# | 0.22 | 31.0 | 15.0 | 24.5 | 27.5 | 0.8 | 1850 |
| CHP1000K0.33-# | 0.33 | 31.0 | 18.0 | 33.0 | 27.5 | 1.0 | 1850 |
| CHP1000K0.33-# | 0.33 | 42.5 | 15.0 | 26.0 | 37.5 | 1.0 | 1200 |
| CHP1000K0.47-# | 0.47 | 42.5 | 17.0 | 28.0 | 37.5 | 1.0 | 1200 |
| CHP1000K0.68-# | 0.68 | 42.5 | 22.0 | 30.0 | 37.5 | 1.0 | 1200 |
| CHP1000K1.0-# | 1.0 | 42.5 | 28.0 | 37.0 | 37.5 | 1.0 | 1200 |
| Ur 1600Vdc, Urms 650Vac | | | | | | | |
| CHP1600K0.0022-# | 0.0022 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 7500 |
| CHP1600K0.0033-# | 0.0033 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | 7500 |
| CHP1600K0.0047-# | 0.0047 | 18.0 | 7.5 | 13.5 | 15.0 | 0.8 | 7500 |
| CHP1600K0.0068-# | 0.0068 | 18.0 | 8.5 | 14.5 | 15.0 | 0.8 | 7500 |
| CHP1600K0.01-# | 0.01 | 18.0 | 10.0 | 16.0 | 15.0 | 0.8 | 7500 |
| CHP1600K0.01-# | 0.01 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 3800 |
| CHP1600K0.015-# | 0.015 | 26.5 | 7.0 | 16.0 | 22.5 | 0.8 | 3800 |
| CHP1600K0.022-# | 0.022 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 | 3800 |
| CHP1600K0.033-# | 0.033 | 26.5 | 10.0 | 18.5 | 22.5 | 0.8 | 3800 |
| CHP1600K0.047-# | 0.047 | 26.5 | 13.0 | 22.0 | 22.5 | 0.8 | 3800 |
| CHP1600K0.047-# | 0.047 | 31.0 | 11.0 | 20.0 | 27.5 | 0.8 | 2700 |
| CHP1600K0.068-# | 0.068 | 31.0 | 13.0 | 22.0 | 27.5 | 0.8 | 2700 |
| CHP1600K0.10-# | 0.10 | 31.0 | 17.0 | 28.0 | 27.5 | 0.8 | 2700 |
| CHP1600K0.15-# | 0.15 | 31.0 | 18.0 | 33.0 | 27.5 | 1.0 | 2700 |
| CHP1600K0.15-# | 0.15 | 42.5 | 15.0 | 26.0 | 37.5 | 1.0 | 1700 |
| CHP1600K0.22-# | 0.22 | 42.5 | 17.0 | 28.0 | 37.5 | 1.0 | 1700 |
| CHP1600K0.33-# | 0.33 | 42.5 | 22.0 | 30.0 | 37.5 | 1.0 | 1700 |
| CHP1600K0.47-# | 0.47 | 42.5 | 28.0 | 37.0 | 37.5 | 1.0 | 1700 |
| Ur 2000Vdc, Urms 700Vac | | | | | | | |
| CHP2000K0.0010-# | 0.0010 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 9000 |
| CHP2000K0.0015-# | 0.0015 | 18.0 | 5.0 | 11.0 | 15.0 | 0.8 | 9000 |
| CHP2000K0.0022-# | 0.0022 | 18.0 | 6.0 | 12.0 | 15.0 | 0.8 | 9000 |
| CHP2000K0.0033-# | 0.0033 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 6200 |
| CHP2000K0.0047-# | 0.0047 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 6200 |
| CHP2000K0.0068-# | 0.0068 | 18.0 | 10.0 | 16.0 | 15.0 | 0.8 | 9000 |
| CHP2000K0.0068-# | 0.0068 | 26.5 | 6.0 | 15.0 | 22.5 | 0.8 | 6200 |
| CHP2000K0.01-# | 0.01 | 26.5 | 8.5 | 17.0 | 22.5 | 0.8 | 6200 |
| CHP2000K0.015-# | 0.015 | 26.5 | 10.0 | 18.5 | 22.5 | 0.8 | 6200 |
| CHP2000K0.022-# | 0.022 | 26.5 | 13.0 | 22.0 | 22.5 | 0.8 | 6200 |
| CHP2000K0.022-# | 0.022 | 31.0 | 11.0 | 20.0 | 27.5 | 0.8 | 4200 |
| CHP2000K0.033-# | 0.033 | 31.0 | 13.0 | 22.0 | 27.5 | 0.8 | 4200 |

Electrical specifications

| Part Number | Cap (μ F) | Dimension (mm) | | | | | du/dt (v/ μ s) |
|-------------------------|-------------------|----------------|------|------|------|-----|-----------------------|
| | | L | B | H | P | d | |
| Ur 2000Vdc, Urms 700Vac | | | | | | | |
| CHP2000K0.047-# | 0.047 | 31.0 | 15.0 | 24.5 | 27.5 | 0.8 | 4200 |
| CHP2000K0.068-# | 0.068 | 31.0 | 14.0 | 28.0 | 27.5 | 0.8 | 4200 |
| CHP2000K0.10-# | 0.10 | 31.0 | 18.0 | 33.0 | 27.5 | 1.0 | 4200 |
| CHP2000K0.10-# | 0.10 | 42.5 | 15.0 | 26.0 | 37.5 | 1.0 | 2600 |
| CHP2000K0.15-# | 0.15 | 42.5 | 22.0 | 30.0 | 37.5 | 1.0 | 2600 |
| CHP2000K0.22-# | 0.22 | 42.5 | 28.0 | 37.0 | 37.5 | 1.0 | 2600 |
| CHP2000K0.33-# | 0.33 | 42.5 | 28.0 | 37.0 | 37.5 | 1.0 | 2600 |