

## GENERAL TECHNICAL CHARACTERISTICS

Reference standards :	IEC 61071-60068
Climatic category:	40/85/56
Dielectric :	Polypropylene film
Construction :	Oil-impregnated
Features:	Low ESR, Low Ls, high stability. Self healing

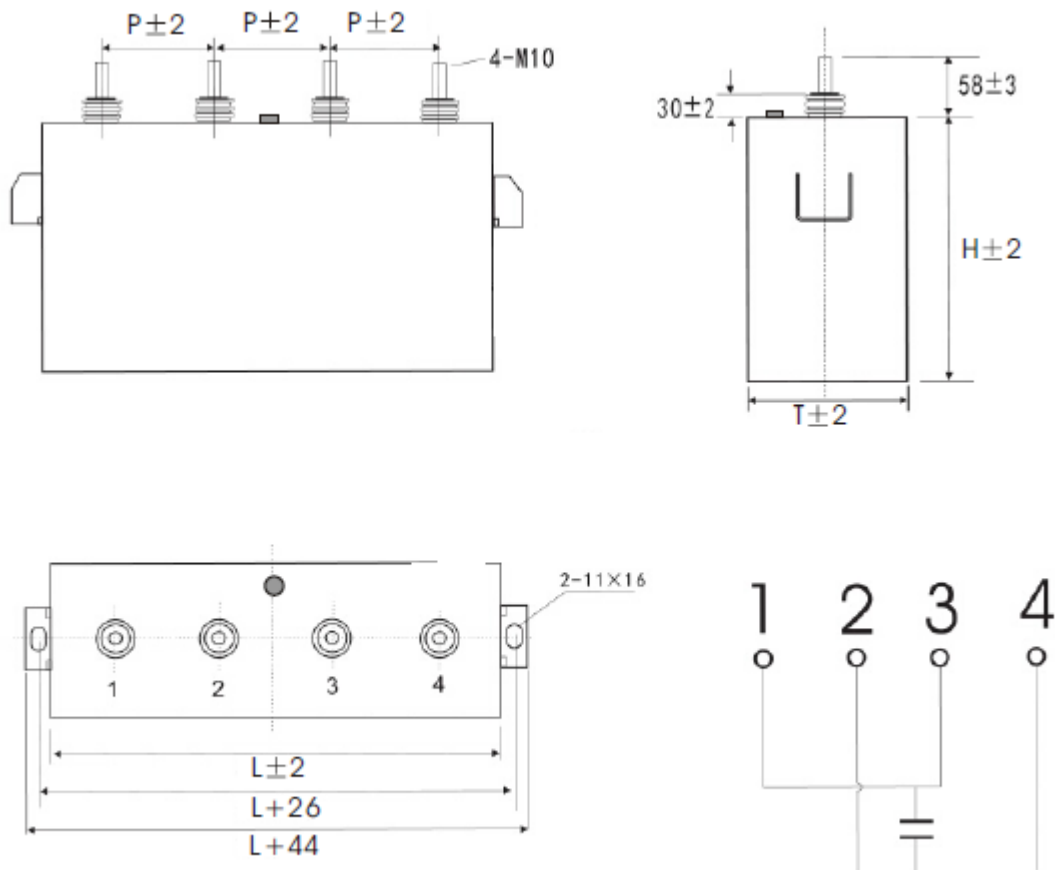
## ELECTRICAL CHARACTERISTICS

Working temperature :	-40 to + 85°C(max hotspot≤85°C)
Storage temperature :	-40 to + 85°C
Capacitance :	1000 to 10000μF
Rated Voltage	800 to 3000 Vdc
Tolerance :	± 5%(J) ± 10%(K)
Dissipation factor	≤ 3×10 <sup>-3</sup> Measured at 100Hz 25°C
Stray inductance	≤ 120nH
Withstand strike current ability	dv/dt>7v/ μs
Effective current	80 to 400A
Life expectancy :	100,000 hours at Un and 70°C

## TEST METHODS AND PERFORMANCES

Insulation resistance :	≥5,000s after 1 minute of electrification at 100Vdc (25±5°C)
Test voltage between terminals	1.5Un applied for 10s at 25±5°C
Test voltage between terminals and case :	3.0 KV 50Hz for 60 sec

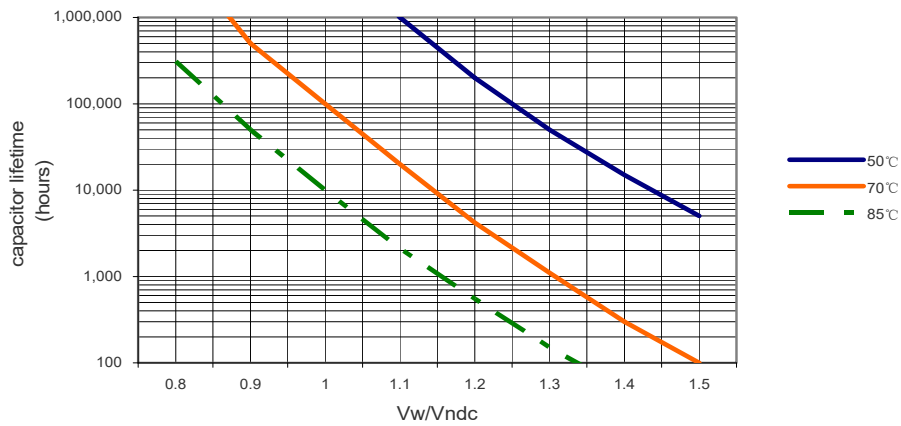
Outline drawing



## PROTECTION AGAINST OVERVOLTAGES

$1.1 \times U_n$	30% of the service period
$1.15 \times U_n$	30 min/d
$1.2 \times U_n$	5 min/d
$1.3 \times U_n$	1 min/d
$1.5 \times U_n$	100 ms no more than 1000 times

## EXPECTED LIFE



Part Numbering System : PLL1000K3000