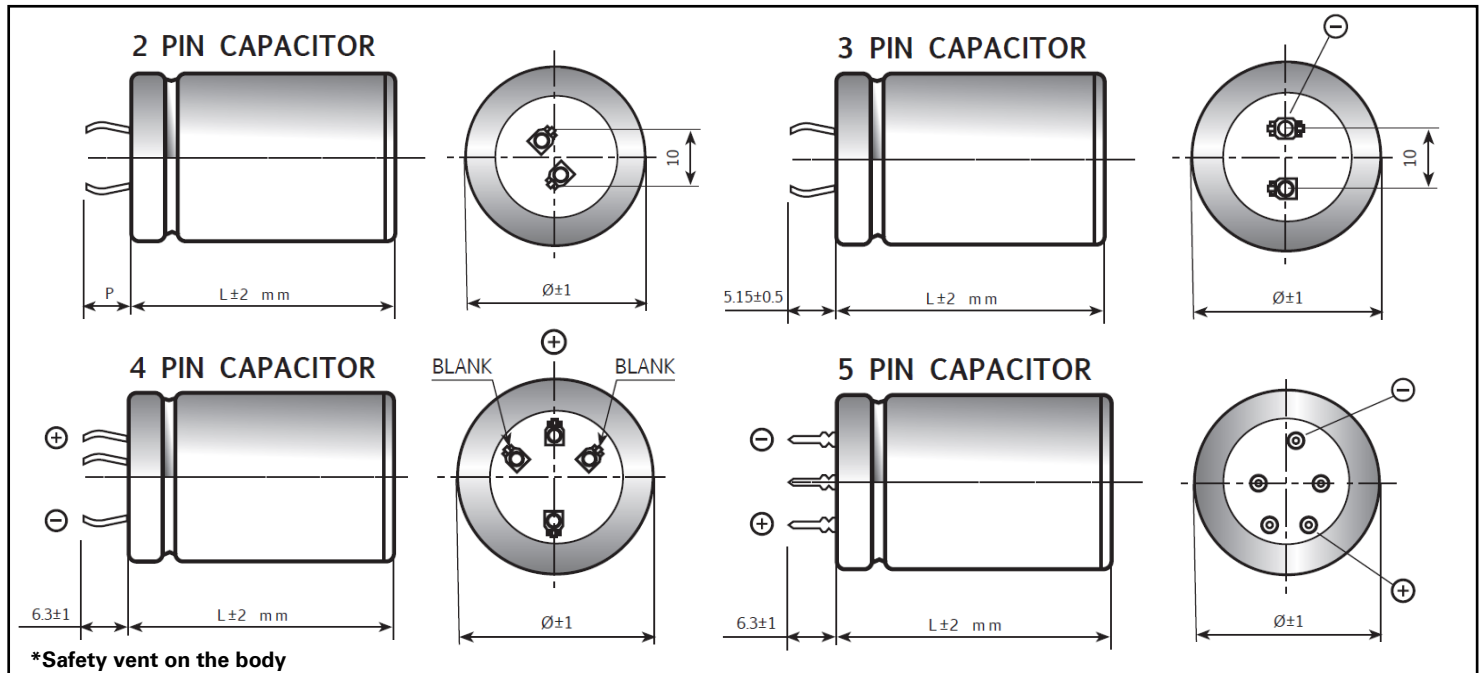


**CAPACITOR SPECIFICATION**

**45x105 (ØDxL)**



Ø	22	25	30	35	40	45	50
2 PIN	●	●	●	●	●		
3 PIN		●	●	●	●		
4 PIN				●	●	●	●
5 PIN					●		

**Termination (digit-10<sup>th</sup>)**

0 = standard 2 pin 6.3mm  
1 = 2 pin 4.5mm  
3 = 3 pin  
4 = 4 pin  
5 = 5 pin  
6 = 4 pin 4.5mm

**Insert style (digit-11<sup>th</sup>)**

P = Pin type

**Marking information**

Type - Identification Code Lot  
Rated capacitance (µF)  
Rated voltage (VDC)

**ELECTRICAL PARAMETERS**

Nominal Capacitance	1000	µF at 100 Hz
Tolerance Standard	M	= ±20%
Temperature Range		-40°C to 85°C
Rated Voltage / Surge Voltage	600/630	VDC
Max Tang δ	0.20	at 100 Hz -20°C
Typical ESR	160	mΩ at 100 Hz -20°C
Typical Impedance Z	100	mΩ at 10 kHz -20°C
Maximum Leakage Current	3.6	mA after 5 mins at 20°C
Maximum Ripple Current	4.4	A rms at 85°C - 100Hz
Useful life	5000	hours at 85°C
Reference Standards	CECC 30.300 IEC 60384.4 Long Life Grade      Product compliant to RoHS Directive	

When ambient temperature and ripple frequency are different from 85°C and 100 Hz, ripple current shall be multiplied by the following compensating factor:

Vr DC	FREQUENCY					TEMPERATURE FACTOR	35°C	45°C	55°C	65°C	75°C	85°C	95°C
	50Hz	100Hz	500Hz	1000Hz	>10kHz		2.2	2.1	1.8	1.6	1.4	1.0	0.5
0-25	0.91	1.0	1.15	1.15	1.2								
40-100	0.88	1.0	1.35	1.40	1.45								
160-450	0.88	1.0	1.45	1.50	1.55								

For further specifications: please consult our catalogue at [www.kendeil.com](http://www.kendeil.com)