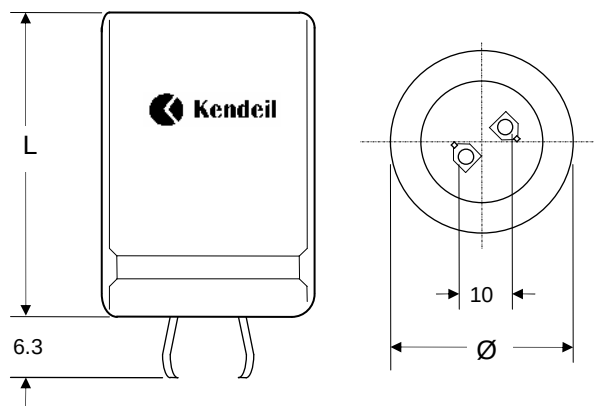


CAPACITOR SPECIFICATION

KENDEIL part number: K054001020PM1E060

PHISICAL DIMENSIONS

* Diameter [mm] ..35..... ± 1

* Length [mm] ...60..... ± 2

ELECTRICAL PARAMETERS

* Nominal Capacitance	1000...	μF at 100 Hz
* Tolerance		$\pm 20\%$
* Temperature range		-40°C to $+105^{\circ}\text{C}$
* Rated Voltage / Surge Voltage	400/440	Vdc
* Maximum Tang. δ	0.12	at 100 Hz
* Typical ESR	120	$\text{m}\Omega$ at 100 Hz
* Typical Impedance	95	$\text{m}\Omega$ at 10 KHz
* Maximum Leakage Current	2.4	mA after 5 mins
* Maximum Ripple Current	2.6	A _{rms} at 105°C
* Useful life	>5000	Hours at 105°C
* Reference Standards	CECC 30.301.042 IEC 384.4 Long Life Grade DIN 41248 DIN 45910/12	

When ambient temperature and ripple frequency are different from 105°C and 100 Hz, ripple current shall be multiplied by following compensating factor:

Vr dc	FREQUENCY					AMBIENT TEMPERATURE							
	50 Hz	100 Hz	500Hz	1KHz	≥ 10 KHz	35°C	45°C	55°C	65°C	75°C	85°C	95°C	105°C
0 - 25 V	0.91	1.00	1.15	1.15	1.20	3.0	2.8	2.6	2.4	2.2	1.8	1.5	1.0
40 - 100 V	0.88	1.00	1.35	1.40	1.45								
160 - 450 V	0.88	1.00	1.45	1.50	1.55								

APPROVED G. RIGHI

DATE 28/11/11