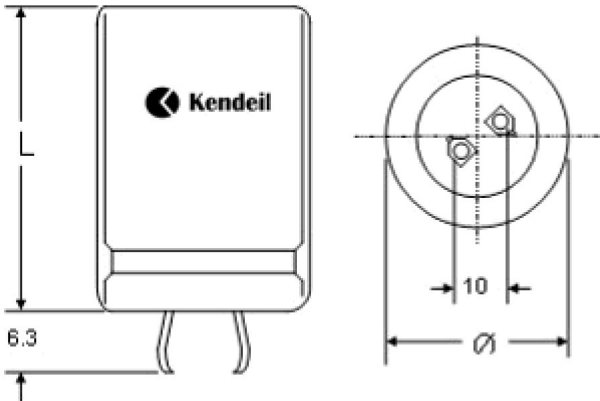


CAPACITOR SPECIFICATION
Part number: K05450101_PM0C030

Termination digit excluded

PHISICAL DIMENSIONS	25x30
*Diameter [mm] 25 ±1 *Length [mm] 30 ±2	
Marking Type - Identification Code Lot Rated capacitance (µF), Rated voltage (Vdc) Negative polarity: gold row RoHS Product compliant to Directive 2002/95/EC	

ELECTRICAL PARAMETERS

*Nominal Capacitance	100	µF at 100 Hz
*Tolerance	M	±20%
*Temperature range		-40°C to +105°C
*Rated Voltage / Surge Voltage	450/495	Vdc
*Max Tang δ	0.1	at 100 Hz
*Typical ESR	796	m Ω at 100 Hz
*Typical Impedance Z	710	m Ω at 10 Khz
*Maximum Leakage Current	0.27	mA after 5 mins at 20°C
*Maximum Ripple Current	0.5	A rsm at 105°C
*Useful LIf	> 5.000 hours at 105°C	
*Reference Standards	CECC 30.301.042 IEC 384.4 Long Life Grade	

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

Vr dc	FREQUENCY					AMBIENT TEMPERATURE							
	50 Hz	100 Hz	500 Hz	1 Khz	>=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	3.00	2.80	2.60	2.40	2.20	1.80	1.50	1.00
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								

For further specifications: please consult our catalogue.