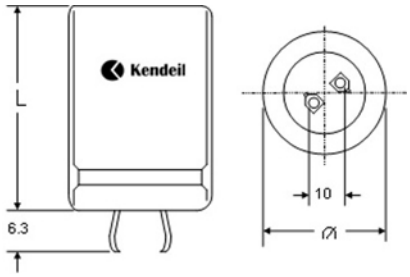
Kendeil™
Aluminium Electrolytic Capacitors

CAPACITOR SPECIFICATION

DATASHEET - K05

PART NUMBER: K05400471_PM0E040

Termination digit excluded [*]

Psical Dimensions			**35X40**
*Diameter [mm]	35	± 1	
*Lenght [mm]	40	± 2	

Marking

Type - Identification Code Lot
Rated capacitance (µF), Rated voltage (Vdc)
Negative polarity: gold row
Product compliant to Directive 2002/95/EC

ELECTRICAL PARAMETERS

Nominal Capacitance	470	µF al 100 Hz
Tolerance Standard	M	±20%
Temperature Range	.....	-40°C to 105°C
Rated Voltage / Surge Voltage	400/440	VDC
Max Tang δ	0.10	at 100 Hz
Typical ESR	170	mΩ at 100 Hz
Typical Impedance Z	125	mΩ at 10 kHz
Maximum Leakage Current	1.13	mA after 5 mins at 20°C
Maximum Ripple Current	1.90	A rsm at 105°C
Useful Life	> 5000	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 multipled by the following compensating factor:

Vr Dc			**FREQUENCY**		
0 - 25 V	0.91	1.00	1.15	1.15	1.20
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

TEMPERATURE	35°C	45°C	55°C	65°C	75°C	85°C	95°C	105°C
FACTOR	3.0	2.8	2.6	2.4	2.2	1.8	1.5	1.0

For further specifications: please consult our catalogue at www.kendeil.com

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