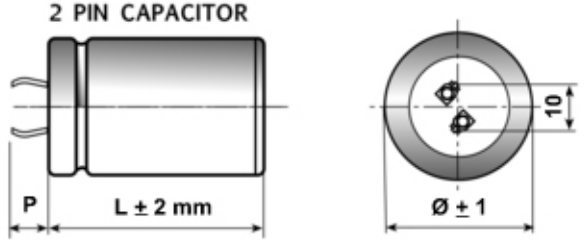
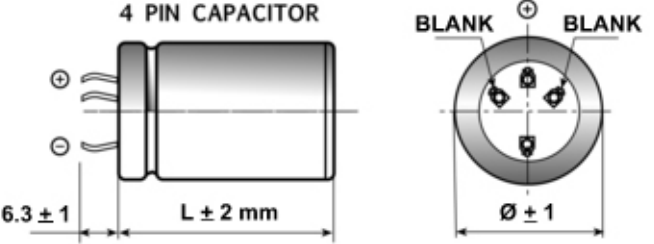


Dimensions		35X50 (ØD x L)	
Diameter [mm]	35 ± 1		
Length [mm]	50 ± 2		
Marking			
Type - Identification Code Lot		<p>PIN LENGHT P 4.5 short pin P 6.3 long pin (standard)</p>	
Rated capacitance (µF), Rated voltage (Vdc)			
Negative polarity: gold row			
Product compliant RoHS Directive			

ELECTRICAL PARAMETERS

Nominal Capacitance	470	µF at 100 Hz
Tolerance Standard	M	±20%
Temperature Range	-40°C to 105°C
Rated Voltage / Surge Voltage	450/495	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	1.27	mA after 5 mins at 20°C
Maximum Ripple Current	1.80	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 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	105°C
	50Hz	100Hz	500Hz	1000Hz	>10kHz		3.0	2.8	2.6	2.4	2.2	1.8	1.5	1.0
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									

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