

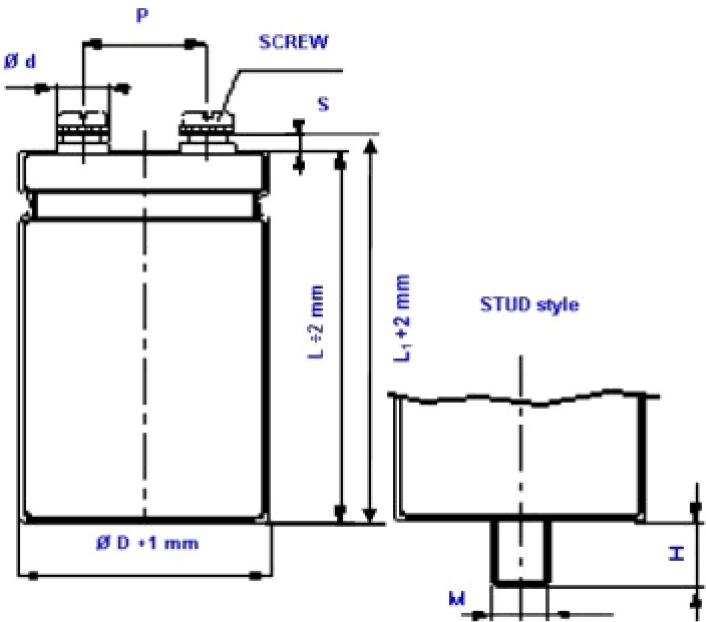

Aluminium Electrolytic Capacitors

**CAPACITOR SPECIFICATION**

 part number: **K01450472\_\_M0J143**

Stud and insert style excluded

[\*]

Diagram of dimensions (unit = mm)						76x143
ØD	d	P	M	H	SCREW	
35	11	12.7	M8	12	5MA x 9.5	
51	18.5	22.2	M12	16	5MA x 9.5	
63	18.5	28.6	M12	16	5MA x 9.5	
76	18.5	31.8	M12	16	5MA x 9.5	
	23.2	31.8	M12	16	6MA x 10	
90	23.2	31.8	M12	16	6MA x 10	
L <sub>1</sub>	L <sub>1</sub> = L + 2.5 mm L <sub>1</sub> toll. -0+3mm		L <sub>1</sub> = L + 4.5 mm L <sub>1</sub> toll. -1+3mm			
S	M5= 5 -0+1mm from top of deck		M6= 7 -1+1mm from top of deck			
<b>Marking</b> 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	4700	µF at 100 Hz
[*] Tolerance Standard	M	= -20% +20% on request Q=-10%+30%
Temperature range	.....	-40°C to 85°C
Rated Voltage / Surge Voltage	450/495	VDC
Max Tang δ	0.15	at 100 Hz
Typical ESR	32	mΩ at 100 Hz
Typical Impedance Z	30	mΩ at 10 kHz
Maximum Leakage Current	6	mA after 5 mins at 20°C
Maximum Ripple Current	15	A rsm at 85°C
Useful Life	12000	hours at 85°C
Reference Standards	CECC 30.300 IEC 384.4 Long Life Grade	

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

FREQUENCY	FACTOR	TEMPERATURE	FACTOR
50 Hz	0.8	35°C	2.2
100 Hz	1.0	45°C	2.1
500 Hz	1.2	55°C	1.8
1000 Hz	1.3	65°C	1.6
>10 kHz	1.5	75°C	1.4
		85°C	1.0
		95°C	0.5

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