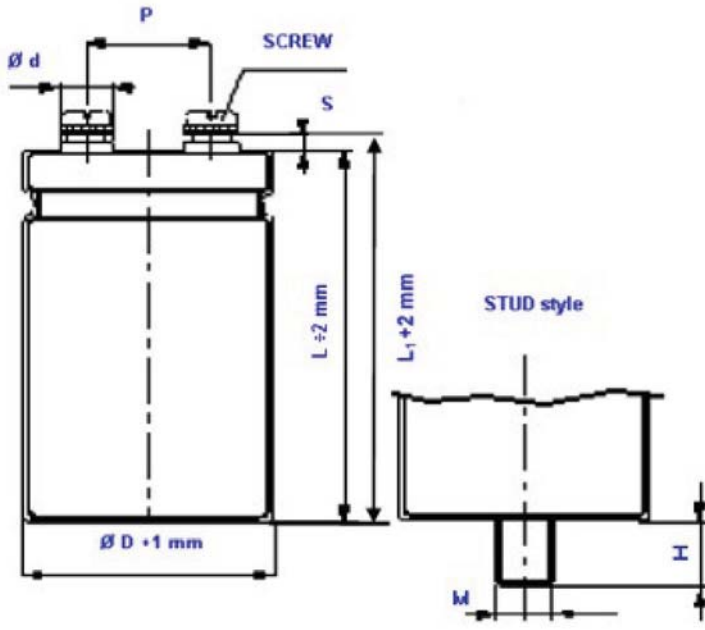



CAPACITOR SPECIFICATION

part number: **KI02016104\_M0G105**

Stud and insert style excluded [\*]

Diagram of dimensions (unit = mm)						51x105
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 6MA x 10	
90	18.5	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	100000	µF at 100 Hz
[*] Tolerance Standard	M	= -20% +20% on request Q=-10%+30%
Temperature range	.....	-40°C to 105°C
Rated Voltage / Surge Voltage	16/18	VDC
Max Tan δ	0.8	at 100 Hz
Typical ESR	8	mΩ at 100 Hz
Typical Impedance Z	8	mΩ at 10 kHz
Maximum Leakage Current	4.8	mA after 5 mins at 20°C
Maximum Ripple Current	12.3	A rms at 105°C
Useful Life	15000	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	3.0
100 Hz	1.0	45°C	2.8
500 Hz	1.2	55°C	2.6
1000 Hz	1.3	65°C	2.4
>10 kHz	1.5	75°C	2.2
		85°C	1.8
		95°C	1.5
		105°C	1.0

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