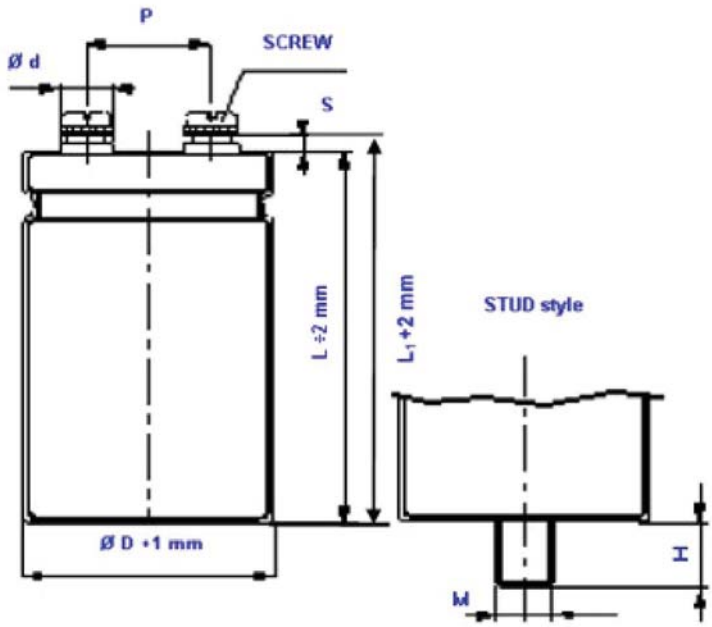
CAPACITOR SPECIFICATION

part number: **KI01040473__M0H105**

Stud and insert style excluded [*]

Diagram of dimensions (unit = mm) — **63x105**

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_1	L1 = L + 2.5 mm L1 toll. -0+3mm		L1 = L + 4.5 mm L1 toll. -1+3mm		
S	M5= 5 -0+1mm from top of deck		M6= 7 -1+1mm from top of deck		



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	47000	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	40/46	VDC
	Max Tan δ	0.4	at 100 Hz
	Typical ESR	10	mΩ at 100 Hz
	Typical Impedance Z	9	mΩ at 10 kHz
	Maximum Leakage Current	6	mA after 5 mins at 20°C
	Maximum Ripple Current	17.6	A rms 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
50 Hz	0.8
100 Hz	1.0
500 Hz	1.2
1000 Hz	1.3
>10 kHz	1.5

TEMPERATURE	FACTOR
35°C	2.2
45°C	2.1
55°C	1.8
65°C	1.6
75°C	1.4
85°C	1.0
95°C	0.5

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