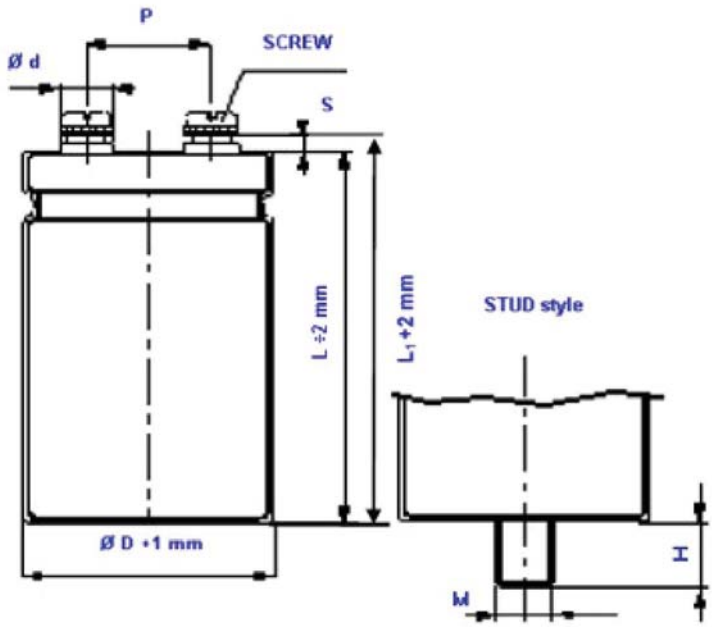
CAPACITOR SPECIFICATION

part number: **KI07450822__M0L157**

Stud and insert style excluded [*]

Diagram of dimensions (unit = mm) — **90x157**

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	8200	µF at 120 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 Tan δ	0.2	at 120 Hz
	Typical ESR	22	mΩ at 120 Hz
	Maximum Leakage Current	6	mA after 5 mins at 20°C
	Ripple Current	45.09	A rms at 40°C at 120 Hz
	Ripple Current	16.95	A rms at 85°C at 120 Hz
	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	0.88
120 Hz	1.0
500 Hz	1.45
1000 Hz	1.5
>10 kHz	1.55

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