

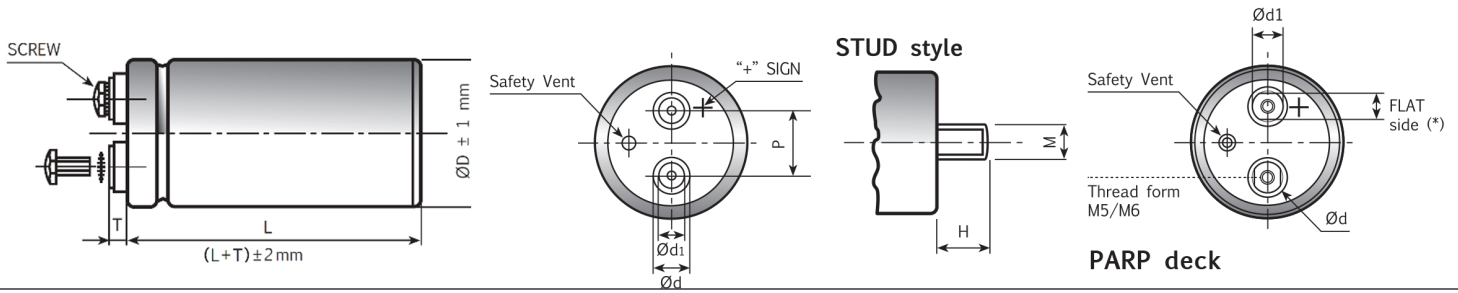
**CAPACITOR SPECIFICATION**
**76x214 (ØDxL)**


Diagram of dimensions (unit = mm) - Insert and screw threads: Metric (mm), UNF (inches)

ØD	d	d1	P	T	STUD		INSERT	SCREW	CODE
					M	H			
35	±0.3	±0.3	±0.5	±0.5	M8	12	M5	5MA x 9.5	0
51	18.2	13	22.2	5	M12	16	M5	5MA x 9.5	H
63	18.2	13	28.5	5	M12	16	M5	5MA x 9.5	H
76	18.2	13	31.8	4.5	M12	16	M5	5MA x 9.5	H
76	18.2	13	31.8	6.5	M12	16	M5 long	5MA x 9.5	L
76	23.2	17.7	31.8	5	M12	16	M6	6MA x 10	6
76	17.2	17.2	31.4	6.4	M12	16	M6 no collar	6MA x 10	F
90	23.2	17.7	31.8	5	M12	16	M6	6MA x 10	H
51	13	13(10)*	22.2	5	M12	16	PARP M5	5MA x 9.5	K
63	13	13(10)*	28.5	5	M12	16	PARP M5	5MA x 9.5	B
63	19	15(13)*	28.5	6	M12	16	PARP M5	5MA x 9.5	K
76	19	15(13)*	31.8	6	M12	16	PARP M5	5MA x 9.5	K
76	19	15(13)*	31.8	6	M12	16	PARP M6	6MA x 10	Q
90	19	15(13)*	31.8	6	M12	16	PARP M6	6MA x 10	Q
35	11.6	7.9	12.7	6.5	M12	16	UNF 10-32 high post	10-32 x 3/8"	U
63	17.3	17.3	28.5	2.5	M12	16	UNF 1/4-28 low post	1/4-28 x 3/8"	W
63	17.3	17.3	28.5	6	M12	16	UNF 1/4-28 high post	1/4-28 x 1/2"	R
63	7.9	7.9	28.5	2	M12	16	UNF 10-32 low post	10-32 x 1/4"	Z
63	12	7.9	28.5	6.5	M12	16	UNF 10-32 high post	10-32 x 3/8"	U
76	17.3	17.3	31.8	2.5	M12	16	UNF 1/4-28 low post	1/4-28 x 3/8"	W
76	17.3	17.3	31.8	6	M12	16	UNF 1/4-28 high post	1/4-28 x 1/2"	R
76	7.9	7.9	31.8	2	M12	16	UNF 10-32 low post	10-32 x 1/4"	Z
76	12	7.9	31.8	6.5	M12	16	UNF 10-32 high post	10-32 x 3/8"	U

Note (\*): quote on the flat side of PARP deck (PARP = Protection Against Reverse Polarity)

**Termination (10<sup>th</sup> digit)**

 Flat base (no stud) = 0  
 Stud M8x12 (ØD=35) = M  
 Stud M12x16 = S

**Insert style (11<sup>th</sup> digit)**

Please refer at types/codes available per each diameter of the insert style code

**Insert torque application strength**

 M5 insert thread torque = 2Nm  
 M6 insert thread torque = 4Nm

**Stud torque application strength**

 M8 stud torque strength = 4Nm  
 M12 stud torque strength = 8Nm

**Marking information**

 Type - Identification Code Lot  
 Rated capacitance (µF)  
 Rated voltage (VDC)  
 Negative polarity golden row

**ELECTRICAL PARAMETERS**

Nominal Capacitance	6800	µF at 100 Hz
Tolerance Standard	M	= - 20% + 20%
Temperature Range	-40°C to 105°C	
Rated Voltage / Surge Voltage	450/495	VDC
Max Tang δ	0.15	at 100 Hz
Typical ESR	21	mΩ at 100 Hz
Typical Impedance Z	16	mΩ at 10 kHz
Maximum Leakage Current	9.18	mA after 5 mins at 20°C
Maximum Ripple Current	15.50	A rms at 105°C
Useful Life	5000	hours at 105°C
Reference Standards	CECC 30.300 IEC 384.4 Long Life Grade External materials approved UL94-V0	

F2 When ambient temperature and ripple frequency are different from 85°C and 100Hz ripple current shall be multiplied by the following compensating factors (maximum current load capability of contact elements must not be exceeded):

<b>FREQUENCY [Hz]</b>	50	100	500	1k	>10k	<b>FREQUENCY [Hz]</b>	35	45	55	65	75	85	95
<b>MULTIPLIER</b>	0.8	1.0	1.2	1.3	1.5	<b>MULTIPLIER</b>	3.0	2.8	2.6	2.4	2.2	1.8	0.5

**Product compliant to RoHS Directive**

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