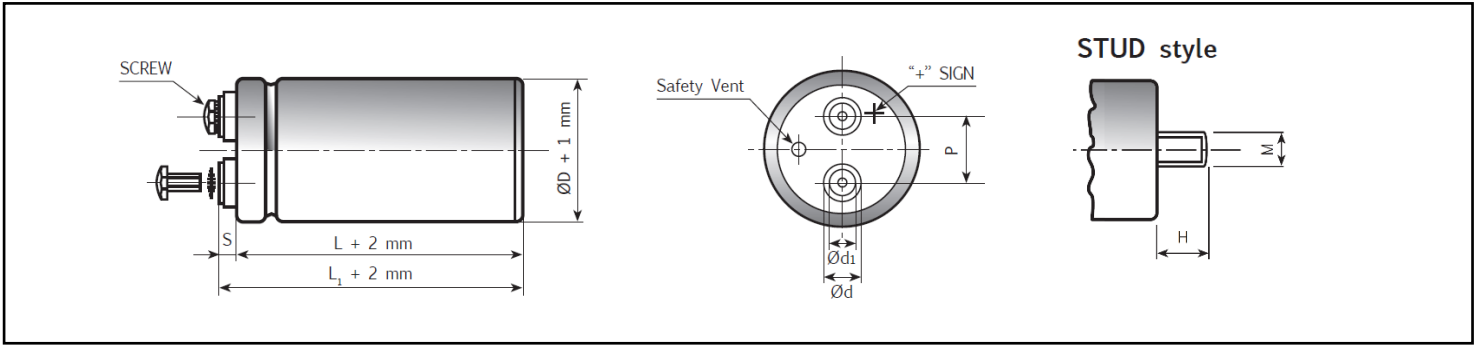


**CAPACITOR SPECIFICATION** **63x105 (ØDxL)**



**Diagram of dimensions (unit=mm)**  
**Insert and screw threads: Metric (mm)**

ØD	d	d1	P	STUD		INSERT	SCREW	L1 -L[-1+3]	S[-1+1]	INSERT STYLE CODE
				M	H					
35	11	7.9	12.7	M8	12	M5	5MA x 9.5	2.5	5	0
51	18.5	13	22.7	M12	16	M5	5MA x 9.5	2.5	5	H
51	18.5	13	22.7	M12	16	M5	5MA x 9.5	2.5	7	L
63	18.5	13	28.6	M12	16	M5	5MA x 9.5	2.5	5	H
63	18.5	13	28.6	M12	16	M5	5MA x 9.5	2.5	7	L
76	18.5	13	31.8	M12	16	M5	5MA x 9.5	2.5	5	H
76	18.5	13	31.8	M12	16	M5	5MA x 9.5	2.5	7	L
76	23.2	17.7	31.8	M12	16	M6	6MA x 10	4.5	7	6
90	23.2	17.7	31.8	M12	16	M6	6MA x 10	4.5	7	H

**Termination (digit-11<sup>th</sup>)**  
 Flat base (no stud) = 0  
 Stud M8x12 (only diam.35) = M  
 Stud M12x16 = S

**Insert type (digit-12<sup>th</sup>)**  
 Please refer at types / letter available per each diameter of the Insert style code

**Torque application strength**  
 M5 INSERT THREAD torque =2Nm  
 M6 INSERT THREAD torque =4Nm

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

**Marking information**  
 Type - Identification Code Lot  
 Rated capacitance (µF)  
 Rated voltage (VDC)  
 Negative polarity: gold row

**ELECTRICAL PARAMETERS**

Nominal Capacitance	2200	µF at 120 Hz
Tolerance Standard	M	= -20% +20%
Temperature Range		-40°C to 85°C
Rated Voltage / Surge Voltage	450/495	VDC
Max Tang δ	0.20	at 100 Hz - 120°C
Typical ESR	80	mΩ at 120 Hz - 20°C
Maximum Leakage Current	5.94	mA after 5 mins at 20°C
Maximum Ripple Current	17.35	A rms at 40°C - 120Hz
Maximum Ripple Current	6.52	A rms at 85°C - 120Hz
Useful life	6000	hours at 85°C
Reference Standards	30.300 IEC 60384.4 Long Life Grade	Product compliant to RoHS Directive

When ambient temperature and ripple frequency are different from 85°C and 120 Hz, ripple current shall be multiplied by the following compensating factor:

<b>FREQUENCY</b>	50Hz	120Hz	500Hz	1000Hz	> 10kHz	<b>TEMPERATURE</b>	35°C	45°C	55°C	65°C	75°C	85°C	95°C
<b>FACTOR</b>	0.8	1.0	1.2	1.3	1.5	<b>FACTOR</b>	2.2	2.1	1.8	1.6	1.4	1.0	0.5

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