


**CAPACITOR SPECIFICATION**

 part number: **K01200223\*\_HM1J143**

Digit 10 = "\*" Stud / Plain style

Digit 12 = "M" Tolerance. Please see electrical parameters

Diagram of dimensions (unit = mm)						76x143
∅D	d	P	M	H	SCREW	
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	23.0	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						
						[*] Digit 10 "S" = Stud versions (drawing #1) Digit 10 "0" = Plain versions (drawing #2)

**ELECTRICAL PARAMETERS**

Nominal Capacitance	22000	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	200 / 230	VDC
Max Tang δ	0.18	at 100 Hz - 20°C
Typical ESR	10	mΩ at 100 Hz - 20°C
Typical Impedance Z	10	mΩ at 10 kHz - 20°C
Maximum Leakage Current	6.0	mA after 5 mins at 20°C
Maximum Ripple Current	28.9	A rsm at 85°C - 100Hz
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	TEMPERATURE FACTOR
50 Hz	0.8	35°C
100 Hz	1.0	45°C
500 Hz	1.2	55°C
1000 Hz	1.3	65°C
>10 kHz	1.5	75°C
		85°C
		95°C

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