

KS Series

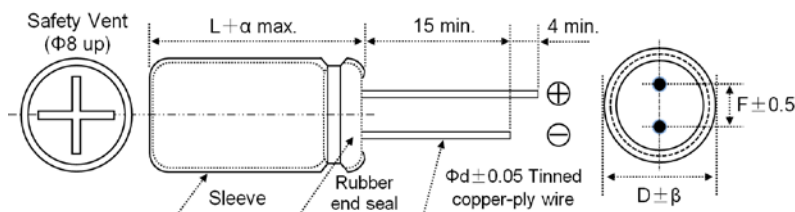
特征 FEATURES

- 105°C
- 寿命 (Life Time): 1000 Hours
- 7mm 高(High) 、标准品(Standard)

主要技术性能 Specifications

项目 Item	特性 (Performance Characteristics)																								
使用温度范围 Operating Temperature Range	-40 ~ +105°C																								
额定电压范围 Rated Working Voltage Range	6.3 ~ 50V																								
标称电容量范围 Nominal Capacitance Range	0.1 ~ 220μF																								
标称电容量允许偏差 Capacitance Tolerance	±20%(120Hz,+20°C)																								
漏电流 Leakage Current	$L \leq 0.01CV$ or $3(\mu A)$ 测试时间 2 分钟取最大值, 测试温度 20°C; Whichever is greater measured after 2 minutes application of rated working voltage at +20°C																								
损失角正切值 $\tan \delta(120\text{Hz}, +20^\circ\text{C})$	<table border="1"> <tr> <td>工作电压 (Voltage)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>$\tan \delta(\text{max})$</td> <td>0.24</td> <td>0.21</td> <td>0.18</td> <td>0.15</td> <td>0.13</td> <td>0.12</td> </tr> </table>	工作电压 (Voltage)	6.3	10	16	25	35	50	$\tan \delta(\text{max})$	0.24	0.21	0.18	0.15	0.13	0.12										
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纹波电流与频率修正系数 Ripple Current & Frequency Multipliers	<table border="1"> <tr> <td></td> <td colspan="5">Freq(Hz)</td> </tr> <tr> <td>Cap(μF)</td> <td>50</td> <td>120</td> <td>300</td> <td>1k</td> <td>10k~</td> </tr> <tr> <td>≤ 47</td> <td>0.75</td> <td>1.00</td> <td>1.35</td> <td>1.57</td> <td>2.00</td> </tr> <tr> <td>$68 \leq \text{CAP} \leq 470$</td> <td>0.80</td> <td>1.00</td> <td>1.23</td> <td>1.34</td> <td>1.50</td> </tr> </table>		Freq(Hz)					Cap(μF)	50	120	300	1k	10k~	≤ 47	0.75	1.00	1.35	1.57	2.00	$68 \leq \text{CAP} \leq 470$	0.80	1.00	1.23	1.34	1.50
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其它 Others	JIS C-5101 (IEC 60384)																								

尺寸图 (Diagram of Dimensions) :



尺寸 (Diameter):

单位 (Unit):mm

D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45			
α	(L≤7) 1		(L≤9) 1.5	
β	0.5			

额定标准值(Standard Rating) :

D x L(mm): Ripple Current: mA/rms at 120Hz,105°C

Voltage(Code)	6.3		10		16		25	
	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current
10					4*7	29	4*7	29
22	4*7	34	4*7	34	4*7	38	5*7	45
33	4*7	37	4*7	40	5*7	50	5*7	55
47	4*7	44	5*7	50	5*7	60	6.3*7	67
100	5*7	67	6.3*7	83	6.3*7	92	6.3*7	95
220	6.3*7	112	8*7	140	8*7	135	8*7	158

Voltage(Code)	35		50	
	Case Size	Ripple Current	Case Size	Ripple Current
0.1			4*7	1.0
0.22			4*7	2.3
0.33			4*7	3.5
0.47			4*7	5.0
1			4*7	10
2.2			4*7	19
3.3			4*7	24
4.7	4*7	24	5*7	29
10	5*7	36	6.3*7	44
22	6.3*7	57	8*7	65
33	6.3*7	62		
47	6.3*7	78		
100	8*7	95		