

#### RXG Series (NEW) 笔型铝电解电容器标准品

Standard Aluminum Electrolytic Capacitor of Pen-Cap.

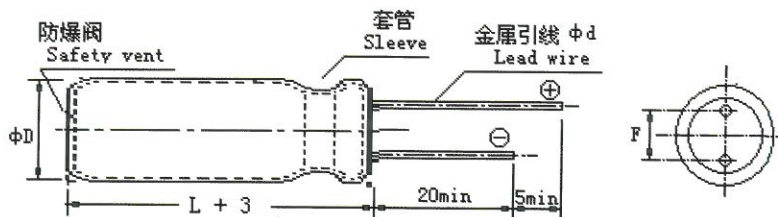
- 笔型电容 体积小, 容量大 105°C 5000 小时
- 性能稳定, 可靠性高, 高纹波电流
- Pen-Cap Small size, Large capacity 105°C 5000 hours
- High stability and reliability and with high ripple current capability



#### ■ 主要技术性能 Specifications

使用温度范围 Operating Temperature Range	-25 ~ +105°C		
额定电压范围 Rated Voltage Range	400, 450V.DC		
标称容量范围 Nominal Capacitance Range	22 ~ 180 $\mu$ F		
标称电容量允许偏差 Capacitance Tolerance	$\pm 20\%$ (120Hz, 20°C)		
漏电流 Leakage Current	$I \leq 0.01CV$ (5 分钟) $I \leq 0.01CV$ (after 5 minutes)		
损耗角正切值 Dissipation Factor (120Hz 20°C)	W.V.	400	450
	tg $\delta$	0.2	0.2
耐久性 Load Life	+105°C 施加带纹波电流的额定电压 5000 小时, 恢复 16 小时后 After applying rated voltage with specified ripple current for 5000 hours at +105°C and then resumed 16 hours. The capacitor shall meet the following limits.		
	电容量变化率 Capacitance Change	$\leq \pm 20\%$ 初始测量值 $\leq \pm 20\%$ of Initial measured value	
	漏电流值 Leakage	$\leq$ 规定值 $\leq$ The specified value	
	损耗角正切值 Dissipation Factor	$\leq 2$ 倍规定值 $\leq 200\%$ of the specified value	
高温贮存 Shelf Life	+105°C, 1000 小时, 恢复 16 小时后 After storage for 1000 hours at +105°C and then resumed 16 hours		
	电容量变化率 Capacitance Change	$\leq \pm 20\%$ 初始测量值 $\leq \pm 20\%$ of Initial measured value	
	漏电流值 Leakage	$\leq 2$ 倍规定值 $\leq 200\%$ of the specified value	
	损耗角正切值 Dissipation Factor	$\leq 2$ 倍规定值 $\leq 200\%$ of the specified value	

#### ■ 外形图及尺寸 Case size table



D $\pm 1.0$	10 / 12.5	16 / 18
L	40 / 45 / 50	40 / 45 / 50
F $\pm 0.5$	5.0	7.5
$\Phi d \pm 0.05$	0.6	0.8

mm

## RXG Series (NEW)

- 标称电容量、额定电压、额定纹波电流及外形尺寸对应表  
Nominal capacitance, rated voltage, rated ripple current and case size table

$\mu F$	VV  ~	400V							
		$\Phi 10$	~	$\Phi 12.5$	~	$\Phi 16$	~	$\Phi 18$	~
39 (390)		10X40	0.36						
47 (470)		10X45 10X50	0.41						
56 (560)		10X50	0.46	12.5X40	0.54				
68 (680)				12.5X45 12.5X50	0.61				
82 (820)				12.5X50	0.66				
100 (101)						16X40	0.72		
120 (121)						16X45	0.81	18X40	0.89
150 (151)						16X50	0.91	18X45	1.00
180 (181)								18X50	1.10

$\mu F$	VV  ~	450V							
		$\Phi 10$	~	$\Phi 12.5$	~	$\Phi 16$	~	$\Phi 18$	~
22 (220)		10X40	0.33						
33 (330)		10X45	0.36						
39 (390)		10X50	0.40						
47 (470)				12.5X40	0.42				
56 (560)				12.5X45	0.53				
68 (680)				12.5X50	0.62				
82 (820)						16X40	0.65		
100 (101)						16X45	0.72		
120 (121)						16X50	0.81	18X40	0.81
150 (151)								18X45	0.95
180 (181)								18X50	1.05

|~ 额定纹波电流 Rated ripple current: (A, 105°C, 120Hz)