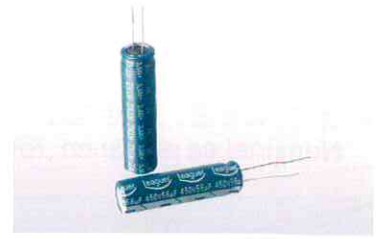


RXZ Series (NEW) 笔型铝电解电容器长寿命品

Long Life Aluminum Electrolytic Capacitor of Pen-Cap

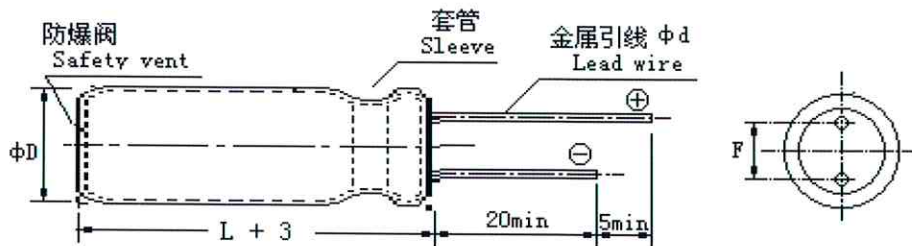
- 笔型电容 • 体积小，容量大 105°C 10000 hours
- 性能稳定，可靠性高，高纹波电流
- Pen-Cap • Small size, Large capacity 105°C 10000 hours
- High stability and reliability and with high ripple current capability



■ 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	200 / 220 / 250 / 400 / 450V.DC								
标称容量范围 Nominal Capacitance Range	22 ~ 560 μ 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 (2 分钟) I \leq 0.01CV (after 2minutes)								
损耗角正切值 Dissipation Factor (120Hz 20°C)	W.V.	200 ~ 400	450						
	tg δ	0.15	0.20						
耐久性 Load Life	<p>+105°C施加带纹波电流的额定电压 10000 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.</p> <table border="1"> <tr> <td>电容量变化率 Capacitance Change</td> <td>$\leq \pm 20\%$ 初始测量值 $\leq \pm 20\%$ of Initial measured value</td> </tr> <tr> <td>漏电流值 Leakage</td> <td>\leq 规定值 \leq The specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation Factor</td> <td>≤ 2 倍规定值 $\leq 200\%$ of the specified value</td> </tr> </table>			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	≤ 2 倍规定值 $\leq 200\%$ of the specified value
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高温贮存 Shelf Life	<p>+105°C, 1000 小时, 恢复 16 小时后 After storage for 1000 hours at +105°C and then resumed 16 hours</p> <table border="1"> <tr> <td>电容量变化率 Capacitance Change</td> <td>$\leq \pm 20\%$ 初始测量值 $\leq \pm 20\%$ of Initial measured value</td> </tr> <tr> <td>漏电流值 Leakage</td> <td>≤ 2 倍规定值 $\leq 200\%$ of the specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation Factor</td> <td>≤ 2 倍规定值 $\leq 200\%$ of the specified value</td> </tr> </table>			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	≤ 2 倍规定值 $\leq 200\%$ of the specified value	损耗角正切值 Dissipation Factor	≤ 2 倍规定值 $\leq 200\%$ of the specified value
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■ 外形图及尺寸 Case size table



mm

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

RXZ 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

WV I~ μF	200V								220V							
	φ 10	I~	φ 12.5	I~	φ 16	I~	φ 18	I~	φ 10	I~	φ 12.5	I~	φ 16	I~	φ 18	I~
100	10×40	0.63														
120	10×45	0.75							10×40	0.66						
150	10×50	0.83							10×45	0.75	12.5×40	0.86				
180			12.5×40	0.92					10×50	0.83	12.5×45	0.99				
220			12.5×45	1.09							12.5×50	1.08				
270			12.5×50	1.26	16×40	1.18							16×40	1.19		
330					16×45	1.31							16×45	1.32	18×40	1.33
390					16×50	14.2	18×40	1.43					16×50	14.2	18×45	1.49
470							18×45	1.58							18×50	1.69
560							18×50	1.77								

WV I~ μF	250V								400V							
	φ 10	I~	φ 12.5	I~	φ 16	I~	φ 18	I~	φ 10	I~	φ 12.5	I~	φ 16	I~	φ 18	I~
22																
39									10×40	0.40						
47									10×45	0.45						
56									10×50	0.52	12.5×40	0.50				
68	10×40	0.61									12.5×45	0.58				
82	10×45	0.68									12.5×50	0.65				
100	10×50	0.79											16×40	0.80		
120			12.5×40	0.79									16×45	0.87	18×40	0.91
150			12.5×45	0.92									16×50	0.92	18×45	1.04
180			12.5×50	0.97											18×50	1.11
220					16×40	1.27										
270					16×45	1.34	18×40	1.42								
330					16×50	1.48	18×45	1.59								
390							18×50	1.69								

WV I~ μF	450V							
	φ 10	I~	φ 12.5	I~	φ 16	I~	φ 18	I~
22	10×40	0.31						
33	10×45	0.36						
39	10×50	0.41						
47			12.5×40	0.48				
56			12.5×45	0.53				
68			12.5×50	0.62				
82					16×40	0.68		
100					16×45	0.75		
120					16×50	0.83	18×40	0.85
150							18×45	0.95
180							18×50	1.05

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