

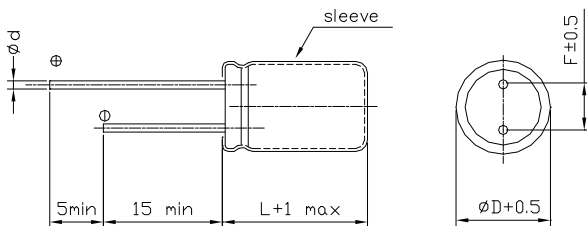
ZH

- 低阻抗，9 mm 高度，105℃ 2000-4000 小时。
Low impedance, with 9mm height, 105℃ 2000-4000hours.
- 符合 RoHS 标准。
RoHS compliant.

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-55 ~ +105℃																								
额定电压范围 Rated voltage range	6.3 ~ 100 V																								
标称电容量范围 Nominal capacitance range	4.7~ 1000μF																								
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)																								
漏电流 Leakage current	$I \leq 0.01CV$ or $3(\mu A)$ 2分钟(at 20℃, after 2 minutes) 取较大者 (whichever is greater)																								
损耗角正切值 (tg δ) Dissipation factor (+20℃, 120Hz)	<table border="1"> <thead> <tr> <th>U_R (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50-100</th> </tr> </thead> <tbody> <tr> <td>tg δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table>	U _R (V)	6.3	10	16	25	35	50-100	tg δ	0.22	0.19	0.16	0.14	0.12	0.10										
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耐久性 Load life	<table border="1"> <thead> <tr> <th>D</th> <th>5~6.3</th> <th>8</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>Load life</td> <td>2000h</td> <td>3000h</td> <td>4000h</td> </tr> </tbody> </table> <p>+105℃加额定电压，恢复 16 小时后： After applying rated voltage for 2000 hours at +105℃ and then resumed 16 hours: 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25% of the initial measured value 漏 电 流 Leakage current : ≤初始规定值 ≤the initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值数 ≤2times of the initial specified value</p>	D	5~6.3	8	10	Load life	2000h	3000h	4000h																
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高温贮存 Shelf life	<p>+105℃,1000 小时贮存后,恢复 16 小时后： After storage for 1000 hours at +105℃ and then resumed for 16 hours 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25% of the initial measured value 漏 电 流 Leakage current : ≤2 倍初始规定值 ≤2times of the initial specified value 损耗角正切值 Dissipation factor : ≤2 倍初始规定值数 ≤2times of the initial specified value</p>																								

外形图及尺寸表 Case size table

单位Unit: mm



D	5	6.3	8	10
F	2.0	2.5	3.5	5.0
d	0.5		0.5	0.6

频率修正系数 Frequency coefficient

Freq.(Hz)	120	1K	10K	100K
CAP(μF)				
~180	0.4	0.75	0.90	1
220~560	0.5	0.85	0.94	1
560~1000	0.6	0.87	0.95	1

CAP (μ F) \diagdown		WV		63V(1J)			100V(2A)		
		Size	ESR	Ripple	Size	ESR	Ripple		
4.7	4R7				5*9				
6.8	6R8				5*9				
10	100	5*9			6.3*9				
15	150	5*9			6.3*9				
22	220	5*9			8*9				
33	330	6.3*9			10*9				
47	470	6.3*							
68	680	8*9							
100	101	10*9							
150	151								

Size ϕ D \times L(mm)

Maximum Allowable Ripple Current (mA rms) at 105°C 100KHz

Maximum ESR (Ω) at 20°C 100KHz