

CD710 Radial Lead Aluminum Electrolytic Capacitors

- 轴向引线式 Axial lead type
- 无极性 Non-polarized
- 用于极性翻转或极性变换的电路中
Used in polarity reverses and change circuits



主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																									
使用温度范围 Operating temperature range(°C)	-40°C ~ +85°C	-25°C ~ +85°C																								
额定电压范围 Rated voltage range(V)	6.3 ~ 100 V	160																								
标称电容量范围 Nominal Capacitance range(μF)	0.47 ~ 4700 μF																									
标称电容量允许偏差 Capacitance tolerance	±20% (120Hz, +20°C)																									
漏电流 Leakage current(μA)	$I \leq 0.03C_R U_R + 5 \mu A$ 2分钟 (2 minute)																									
损耗角正切值 (tg δ) Dissipation factor (+20°C, 100Hz)	<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</th> <th>63</th> <th>100</th> <th>160</th> </tr> </thead> <tbody> <tr> <td>tg δ</td> <td>0.35</td> <td>0.28</td> <td>0.24</td> <td>0.18</td> <td>0.15</td> <td>0.15</td> <td>0.12</td> <td>0.12</td> <td>0.20</td> </tr> </tbody> </table> <p>容量大于1000 μF者, 每增加1000 μF, 其损耗角正切值增加0.02 For capacitance value > 1000 μF, add 0.02 for every increase of 1000 μF</p>		U _R (V)	6.3	10	16	25	35	50	63	100	160	tg δ	0.35	0.28	0.24	0.18	0.15	0.15	0.12	0.12	0.20				
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耐久性 Load life(+85°C)	<p>+85°C加额定工作电压1000小时, 恢复16小时后: After applying rated voltage for 1000 hours at +85°C and then resumed 16 hours</p> <p>电容量变化率 Capacitance change : U_R=6.3V: $\pm 25\%$₋₄₀; 6.3V<U_R≤160V: ±30% Initial measured value</p> <p>漏电流 Leakage current : ≤初始规定值 Initial specified value</p> <p>损耗角正切值 Dissipation factor : ≤1.5倍初始规定值 Initial specified value</p>																									

外形图及尺寸 Case size table

单位 Unit: mm

D	±0.5		±1.0				
	6	8	10	12	16	19	22
L±2	16	16	20	25	30	40	40
		20	25	30	35		
d±0.1	0.5 or 0.6		0.6 or 0.8		0.8 or 1.0		

