

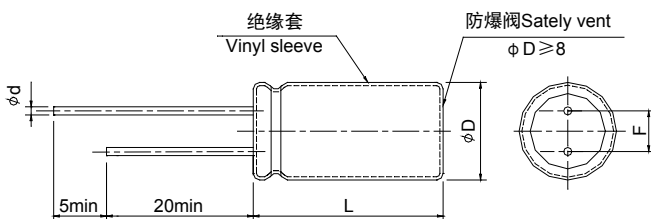
- CD72: +85°C, 1000 小时 Load life of 2000 hours at +85°C
- CD72H: +105°C, 1000 小时 Load life of 2000 hours at +105°C
- 双极性 Bipolar
- 适用于分频电路 Used in dividing network circuits

■ Specifications

项目 Item	特性 Characteristics														
使用温度范围 Operating temperature range(°C)	-40~+85 (CD72H: -40~+105)														
额定电压范围 Rated voltage range(V)	6.3~50														
标称电容量范围 Nominal capacitance range(μF)	1~22														
标称电容量允许偏差 Capacitance tolerance(%)	±20 (20°C,120Hz)														
漏电流 Leakage current(μA)	$I \leq 0.03C_R U_R + 5$														
损耗角正切值 Dissipation factor(tgδ)	<table border="1"> <tr> <td>U_R (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>tg δ(max)</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </table> <p>(20°C,120Hz)</p>	U_R (V)	6.3	10	16	25	35	50	tg δ(max)	0.24	0.20	0.16	0.16	0.14	0.12
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耐久性 Load life (+85°C, CD72H: +105°C)	<table border="1"> <tr> <td>时间 Time</td> <td>2000 小时每 250 小时换向一次 2000 hours with the polarity inverted every 250 hours</td> </tr> <tr> <td>容量变化率 Capacitance change</td> <td>±20%初始测量值以内 Within±20% of the initial value</td> </tr> <tr> <td>漏电流 Leakage current</td> <td>≤初始规定值 Not more than the Initial specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation factor</td> <td>≤200%初始规定值 Not more than 200% of the Initial specified value</td> </tr> </table>	时间 Time	2000 小时每 250 小时换向一次 2000 hours with the polarity inverted every 250 hours	容量变化率 Capacitance change	±20%初始测量值以内 Within±20% of the initial value	漏电流 Leakage current	≤初始规定值 Not more than the Initial specified value	损耗角正切值 Dissipation factor	≤200%初始规定值 Not more than 200% of the Initial specified value						
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高温贮存 Shelf life (+85°C, CD72H: +105°C)	<table border="1"> <tr> <td>时间 Time</td> <td>1000 hours</td> </tr> <tr> <td>容量变化率 Capacitance change</td> <td>±10%初始测量值以内 Within±10% of the initial value</td> </tr> <tr> <td>漏电流 Leakage current</td> <td>≤初始规定值 Not more than the Initial specified value</td> </tr> <tr> <td>损耗角正切值 Dissipation factor</td> <td>≤200%初始规定值 Not more than 150% of the Initial specified value</td> </tr> </table> <p>试验后: 施加标称电压 30 分钟, 于 24 至 48 小时之间测试 After test: U_R to be applied for 30 minutes, 24 to 48 hours before measurement.</p>	时间 Time	1000 hours	容量变化率 Capacitance change	±10%初始测量值以内 Within±10% of the initial value	漏电流 Leakage current	≤初始规定值 Not more than the Initial specified value	损耗角正切值 Dissipation factor	≤200%初始规定值 Not more than 150% of the Initial specified value						
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■ 外形尺寸表 Case size table

(mm)



D	±0.5			±1.0	
	5	6.3	8	10	16
	11	11	11.5	12.5,16,20	20,25
F±0.5	2	2.5	3.5	5	7.5
d±0.1	0.5		0.6		0.8

■ 标称电容量、额定电压、浪涌电压与外形尺寸对应表

Nominal capacitance, rated voltage and case size table

C_R (μF)	U_R (V) φ D×L(mm)	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	50 (1H)	100(2A)
		1	(010)		φ 6.3×11	φ 6.3×11	φ 8×11.5
2.2	(2R2)	φ 5×11	φ 8×11.5	φ 8×11.5	φ 10×12.5	φ 10×20	φ 10×20
3.3	(3R3)	φ 6.3×11	φ 10×12.5	φ 10×16	φ 10×20	φ 12.5×20	φ 12.5×20
4.7	(4R7)	φ 6.3×11	φ 10×12.5	φ 10×16	φ 10×20	φ 12.5×20	φ 12.5×25
10	(100)	φ 10×12.5	φ 10×16	φ 10×20	φ 12.5×20	φ 16×25	φ 16×25
22	(220)	φ 10×16	φ 10×20	φ 12.5×20	φ 12.5×25	φ 16×31.5	φ 16×31.5