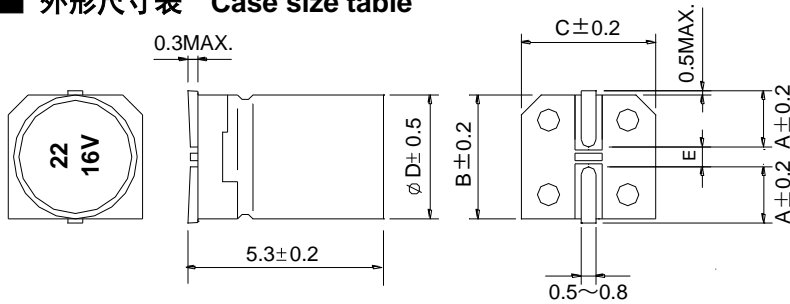


- +85°C, 1000 小时 Load life of 1000 hours at +85°C
- 无引线, 双极性, 片状结构 No lead wires, bipolar, chip type structure
- 适用于自动表面贴装技术和高密度电路 Suitable for automatic SMT and high density circuits.

## 主要技术性能 Specifications

项目 Item	特性 Characteristics														
使用温度范围 Operating temperature range(°C)	-40~+85														
额定电压范围 Rated voltage range(V)	6.3~50														
标称电容量范围 Nominal capacitance range(μF)	0.1~47														
标称电容量允许偏差 Capacitance tolerance(%)	±20 (20°C,120Hz)														
漏电流 Leakage current(μA)	$I \leq 0.05C_R U_R$ 或 10 (取较大值 whichever is greater)														
损耗角正切值 Dissipation factor(tg δ)	<table border="1"> <tr> <td><math>U_R</math> (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>0.17</td> <td>0.17</td> <td>0.15</td> <td>0.15</td> </tr> </table>	$U_R$ (V)	6.3	10	16	25	35	50	tg δ (max.)	0.24	0.20	0.17	0.17	0.15	0.15
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耐久性 Load life (+85°C)	<table border="1"> <tr> <td>时间 time</td> <td>1000 小时每 250 小时换向一次 1000 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	1000 小时每 250 小时换向一次 1000 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)	<table border="1"> <tr> <td>时间 time</td> <td>500 小时 500hours</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>≤200%初始规定值 Not more than 200% of 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	500 小时 500hours	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	≤200%初始规定值 Not more than 200% of 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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## 外形尺寸表 Case size table



(mm)

D	4	5	6.3
A	1.8	2.1	2.4
B	4.3	5.3	6.6
C	4.3	5.3	6.6
E	1.0	1.3	2.2

## 标称电容量、额定电压与外形尺寸对应表 Nominal capacitance, rated voltage and case size table

$C_R$ (μF)	$\phi$ D×L(mm)	$U_R$ (V)					
		6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)
0.1	(0R1)						φ4×5.3
0.22	(R22)						φ4×5.3
0.33	(R33)						φ4×5.3
0.47	(R47)						φ4×5.3
1	(010)						φ4×5.3
2.2	(2R2)					φ4×5.3	φ5×5.3
3.3	(3R3)				φ5×5.3	φ5×5.3	φ5×5.3
4.7	(4R7)			φ4×5.3	φ5×5.3	φ5×5.3	φ6.3×5.3
10	(100)		φ4×5.3	φ5×5.3	φ6.3×5.3	φ6.3×5.3	
22	(220)	φ5×5.3	φ6.3×5.3	φ6.3×5.3			
33	(330)	φ6.3×5.3	φ6.3×5.3	φ6.3×5.3			
47	(470)	φ6.3×5.3					