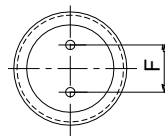
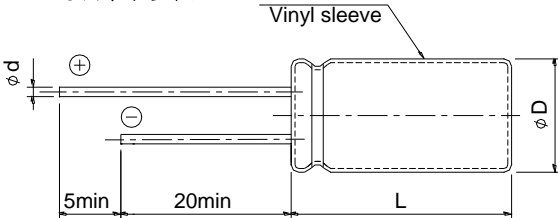


- CDV: +85°C, 1000 小时 Load life of 1000 hours at +85°C
- CDVH: +105°C, 1000 小时 Load life of 1000 hours at +105°C
- 高度为 5mm 5mm height
- 用于高密度电路 Used in high-density circuits.

■ 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 (CDVH: -40~+105)																
额定电压范围 Rated voltage range(V)	4~50																
标称电容量范围 Nominal capacitance range(μF)	0.1~220																
标称电容量允许偏差 Capacitance tolerance(%)	±20 (20°C,120Hz)																
漏电流 Leakage current(μA)	$I \leq 0.01C_R U_R$ 或 3 (取较大值 whichever is greater)																
损耗角正切值 Dissipation factor(tg δ)	<table border="1"> <tr> <td>U_R (V)</td> <td>4</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>0.35</td> <td>0.26</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.12</td> </tr> </table>	U_R (V)	4	6.3	10	16	25	35	50	tg δ(max)	0.35	0.26	0.20	0.16	0.14	0.12	0.12
	U_R (V)	4	6.3	10	16	25	35	50									
tg δ(max)	0.35	0.26	0.20	0.16	0.14	0.12	0.12										
(20°C,120Hz)																	
温度特性 Temperature characteristics	<table border="1"> <tr> <td>U_R (V)</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>Z-40°C/Z+20°C</td> <td>15</td> <td>8</td> <td>8</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </table>	U_R (V)	4	6.3	10	16	25	35	50	Z-40°C/Z+20°C	15	8	8	4	4	4	4
	U_R (V)	4	6.3	10	16	25	35	50									
Z-40°C/Z+20°C	15	8	8	4	4	4	4										
(120Hz)																	
耐久性 Load life (+85°C, CDVH: +105°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								
	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																
高温贮存 Shelf life (+85°C, CDVH: +105°C)	<table border="1"> <tr> <td>时间 Time</td> <td>500 小时 500 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	500 小时 500 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								
	时间 Time	500 小时 500 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																
试验后: 施加额定电压 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.																	

■ 外形尺寸表 Case size table



(mm)

D±0.5	3	4	5	6.3
$L \begin{smallmatrix} +1.0 \\ 0 \end{smallmatrix}$	5	5	5	5
F±0.5	1.0	1.5	2.0	2.5
d±0.1	0.40	0.45	0.45	0.45

■ 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)	U _R (V) φD×L(mm)	4 (0G)	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)
		0.1	(0R1)					
0.22	(R22)							φ 4(3)×5
0.33	(R33)							φ 4(3)×5
0.47	(R47)							φ 4(3)×5
1	(010)							φ 4(3)×5
2.2	(2R2)						φ 3×5	φ 4(3)×5
3.3	(3R3)						φ 4×5	φ 4×5
4.7	(4R7)					φ 4×5	φ 4×5	φ 5×5
10	(100)				φ 4×5	φ 5×5	φ 5×5	φ 6.3×5
22	(220)	φ 4×5	φ 4×5	φ 5×5	φ 5×5	φ 6.3×5	φ 6.3×5	φ 6.3×5
33	(330)	φ 5×5	φ 5×5	φ 5×5	φ 6.3×5	φ 6.3×5		
47	(470)	φ 5×5	φ 5×5	φ 6.3×5	φ 6.3×5	φ 6.3×5		
100	(101)	φ 6.3×5	φ 6.3×5	φ 6.3×5	φ 6.3×5			
220	(221)	φ 6.3×5						