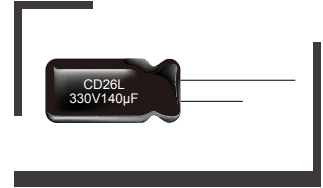


CD26L 型铝电解电容器

CD26L Series Aluminum Electrolytic Capacitor

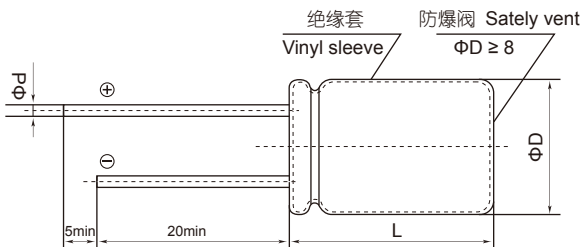


- ▶ +105°C, 2000小时 Load life of 2000 hours at +105°C
- ▶ 宽温度, 体积小, 低阻抗 Wide temperature range, Small size, Low impedance.

主要技术性能 Specifications

项目 Item	特性 Characteristics																																													
使用温度范围 Operating temperature range (°C)	-55 ~ +105	-40 ~ +105																																												
额定电压范围 Rated voltage range (V)	6.3 ~ 100	160 ~ 400																																												
标称容量范围 Nominal capacitance range (µF)	0.1 ~ 15000	0.47 ~ 220																																												
标称容量允许偏差 Capacitance tolerance (%)	±20 (20°C, 120Hz)																																													
漏电量 Leakage current (µA)	$I \leq 0.01 C_R U_R$ 或 3 (2分钟 2 minutes) (取较大者 Whichever is greater)	$C_R U_R \leq 1000: I \leq 0.1 C_R U_R + 40$ (1分钟 1 minutes) $C_R U_R > 1000: I \leq 0.04 C_R U_R + 100$																																												
损耗角正切值 Dissipation factor (tgδ) (20°C, 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</th> <th>63</th> <th>100</th> <th>160~250</th> <th>315~350</th> </tr> </thead> <tbody> <tr> <td>tgδ (max)</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> <td>0.09</td> <td>0.08</td> <td>0.15</td> <td>0.20</td> </tr> </tbody> </table> 容量大于1000µF者, 每增加1000µF, 其损耗角正切值增加0.02。 0.02 is added to every 1000 µF increase over 1000 µF.		U _R (V)	6.3	10	16	25	35	50	63	100	160~250	315~350	tgδ (max)	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08	0.15	0.20																						
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耐久性 Load life (+105°C)	<table border="1"> <thead> <tr> <th>时间 Time</th> <th>2000小时 (Φ5~Φ8:1000小时) 2000 hours (Φ5~Φ8:1000 hours)</th> </tr> </thead> <tbody> <tr> <td>容量变化率 Capacitance change</td> <td>±20%初始测量值以内 ±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> </tbody> </table>		时间 Time	2000小时 (Φ5~Φ8:1000小时) 2000 hours (Φ5~Φ8:1000 hours)	容量变化率 Capacitance change	±20%初始测量值以内 ±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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外形尺寸表 Case size table



D	± 0.5			± 1.0			
	5	6.3	8	10	12.5	16	18
$L + \frac{2.0}{0}$	11	11	11.5	12.5, 16, 20	20, 25	25, 31.5	40
F ± 0.5	2.0	2.5	3.5	5.0		7.5	
d ± 0.1	0.5		0.6			0.8	



CD26L 型铝电解电容器

CD26L Series Aluminum Electrolytic Capacitor

标称电容量、额定电压、额定纹波电流与外形尺寸对应表

Nominal capacitance, rated voltage, rated ripple current and case size table

U _R (V)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)	
C _R (μF)		ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)
4.7	(4R7)							5x11	85	5x11	92
10	(100)					5x11	92	5x11	92	5x11	105
22	(220)			5x11	92	5x11	105	5x11	105	5x11	120
33	(330)	5x11	105	5x11	105	5x11	120	5x11	120	5x11	130
47	(470)	5x11	120	5x11	120	5x11	130	5x11	130	6.3x11	220
100	(101)	5x11	130	5x11	130	6.3x11	220	6.3x11	220	8x11.5	315
220	(221)	6.3x11	180	6.3x11	220	8x11.5	290	8x11.5	315	10x12.5	500
330	(331)	6.3x11	220	8x11.5	265	8x11.5	315	10x12.5	500	10x16	618
470	(471)	8x11.5	315	8x11.5	315	10x12.5	500	10x16	615	10x20	825
1000	(102)	10x12.5	500	10x16	315	10x16	825	12.5x20	1050	12.5x25	1300
2200	(222)	12.5x20	1000	12.5x20	1050	12.5x20	1300	16x25	1740	16x31.5	2110
3300	(332)	12.5x20	1050	12.5x25	1300	16x25	1740	16x31.5	2110	18x35.5	2580
4700	(472)	16x25	1670	16x25	1740	16x31.5	2110	18x35.5	2580		
6800	(682)	16x25	1740	16x31.5	2110	18x35.5	2580				
10000	(103)	16x31.5	2110	18x35.5	2580						
15000	(153)	18x35.5	2580								

U _R (V)		50 (1H)		63 (1J)		100 (2A)		160 (2C)		200 (2D)	
C _R (μF)		ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)
0.1	(0R1)	5x11	10								
0.22	(R22)	5x11	15								
0.33	(R33)	5x11	18								
0.47	(R47)	5x11	23			5x11	30	6.3x11	12	6.3x11	12
1	(010)	5x11	35			5x11	45	6.3x11	18	6.3x11	18
2.2	(2R2)	5x11	53			5x11	60	6.3x11	26	6.3x11	26
3.3	(3R3)	5x11	65			5x11	67	8x11.5	37	8x11.5	37
4.7	(4R7)	5x11	82	5x11	74	5x11	75	8x11.5	44	10x12.5	50
10	(100)	5x11	100	5x11	95	6.3x11	110	10x12.5	75	10x16	80
22	(220)	5x11	125	6.3x11	130	8x11.5	165	10x20	135	10x20	135
33	(330)	6.3x11	195	6.3x11	160	10x12.5	305	12.5x20	175	12.5x25	190
47	(470)	6.3x11	245	8x11.5	305	10x16	320	12.5x25	230	12.5x25	230
100	(101)	8x11.5	385	10x12.5	395	12.5x20	585	16x25	330	16x31.5	360
220	(221)	10x16	505	10x20	505	16x25	1120	18x35.5	500	18x40	525
330	(331)	10x20	675	12.5x20	660	16x25	1290				
470	(471)	12.5x20	895	12.5x25	850	16x31.5	1350				
1000	(102)	16x25	1495	16x31.5	1430						
2200	(222)	18x35.5	2190								

U _R (V)		250 (2E)		315 (2F)		350 (2V)		400 (2G)	
C _R (μF)		ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)	ΦDxL (mm)	I _L (mA)
0.47	(R47)	6.3x11	12	6.3x11	11	6.3x11	11		
1	(010)	6.3x11	18	6.3x11	16	6.3x11	18	8x11.5	18
2.2	(2R2)	8x11.5	30	8x11.5	27	8x11.5	30	10x12.5	30
3.3	(3R3)	10x12.5	43	10x12.5	36	10x12.5	36	10x16	40
4.7	(4R7)	10x12.5	50	10x16	47	10x16	47	10x20	52
10	(100)	10x20	90	10x20	75	10x20	79	12.5x20	79
22	(220)	12.5x25	155	12.5x25	130	12.5x25	130	16x25	130
33	(330)	12.5x25	190	16x25	160	16x25	160	16x31.5	175
47	(470)	16x25	225	16x31.5	210	16x31.5	210	18x35.5	220
100	(101)	18x35.5	340	18x40	335	18x40	335		

*额定纹波电流 I_LRated ripple current (U_R≤100V:+105°C,100Hz U_R≥100V:+105°C,100Hz或120Hz)

SUMEC