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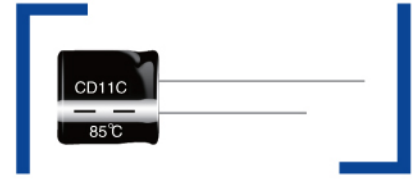
标准品 (CD11C型)

◎7(9) mm高度, 通用标准品。7(9) mm height, for general purpose, standard size .

◎适用于汽车音响、TV、空调遥控器等电子线路中。

Used in car audio, TV, air conditioners circuits remote device, etc.

◎RoHS指令已对应完毕。Adapted to the RoHS directive.

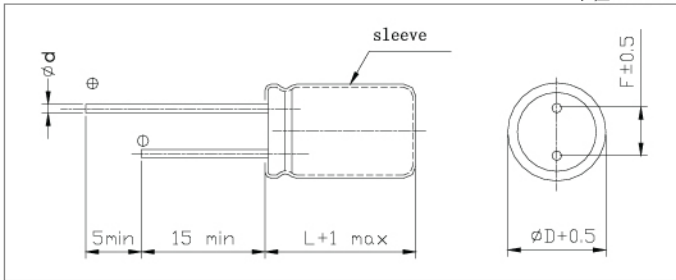


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-40 ~ +85°C																								
额定电压范围 Rated voltage range	6.3 ~ 63 V																								
标称容量范围 Nominal capacitance range	0.1~ 470 μF																								
标称容量允许偏差 Capacitance tolerance	±20% (120Hz, +20°C)																								
漏电流 Leakage current	$I \leq 0.01CV$ or $3(\mu A)$ 2分钟(at 20°C, after 2 minutes) 取较大者 (whichever is greater)																								
损耗角正切值 (tg δ) Dissipation factor(+20°C, 120Hz)	<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> <td>63</td> </tr> <tr> <td>tg δ</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table>	U _R (V)	6.3	10	16	25	35	50	63	tg δ	0.24	0.20	0.16	0.14	0.12	0.10	0.10								
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温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	<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> <td>63</td> </tr> <tr> <td>Z-25°C / +20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C / +20°C</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	U _R (V)	6.3	10	16	25	35	50	63	Z-25°C / +20°C	4	3	2	2	2	2	2	Z-40°C / +20°C	8	6	4	4	3	3	3
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耐久性 Load life	<p>+85°C加额定电压1000小时, 恢复16小时后: After applying rated voltage for 1000 hours at +85°C and then resumed for 16 hours: 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25% of the initial measured value 漏电流 Leakage current : ≤初始规定值 ≤the initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value</p>																								
高温贮存 Shelf life	<p>+85°C, 1000小时贮存后, 恢复16小时后: After storage for 1000 hours at +85°C and then resumed for 16 hours: 电容量变化率 Capacitance change : ±25%初始测量值以内 ±25% of the initial measured value 漏电流 Leakage current : ≤2倍初始规定值 ≤2times of the initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value</p>																								

外形图及尺寸表 Case size table

单位Unit: mm



D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45			0.5

尺寸 Dimensions

ØD × L(mm)

容量 C _N (μF)	代码 Code	电压U _R		6.3V		10V		16V		25V		35V		50V		63V	
		0J	1A	1C	1E	1V	1H	1J									
0.1	0R1													4×7	0.8		
0.22	R22													4×7	2.0		
0.33	R33													4×7	3.0		
0.47	R47													4×7	4.0		
1	010							4×7	7					4×7	8.5	4×7	11
2.2	2R2											4×7	13	4×7	14	4×7	16
3.3	3R3								4×7	13		4×7	16	4×7	17	5×7	20
4.7	4R7							4×7	16	4×7	16	4×7	19	4×7	22	5×7	26
10	100				4×7	21	4×7	24	4×7	19	5×7	29	29	5×7	34	6.3×7	40
22	220	4×7	29	4×7	33	4×7	37	5×7	29	6.3×7	45	6.3×7	45	6.3×7	53		
33	330	4×7	37	4×7	41	5×7	48	5×7	45	6.3×7	59	6.3×7	59	8×7 (9)	80		
47	470	4×7	44	4(5)×7	51	5×7	57	5×7	45	8×7 (9)	90	6.3×7	60	8×9	98		
100	101	5×7	68	5×7	75	6.3×7	89	6.3×7	75	8×7	90	6.3×7	95				
220	221	6.3×7	101	6.3×7	118	6.3×7	80	8×7	110								
330	331	8×7 (9)	132	8×7 (9)	135	8×7	120										
470	471	8×7 (9)	144	8×7 (9)	150												

额定纹波电流 Rated ripple current (mA, +85°C, 120Hz)