

SM 标准品 (CD11W/CDV型)

- ◎ 5mm高, 微型体积
Be 5mm in height and mini-size
- ◎ 适用于照相机, 汽车音响, 随身听, VCD, DVD, 对讲机, 手机等
Suitable for camera, car audio, mini-audio sets, VCD, DVD, interphone, mobile phone, etc.

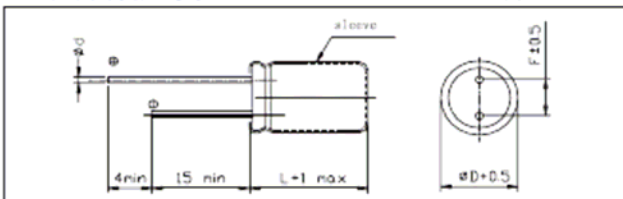


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature rang	-40 ~ +85℃																								
额定电压范围 Rated voltage range	4 ~ 50V																								
标称电容量范围 Nominal capacitance range	0.1~470 μF																								
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)																								
漏电流 Leakage current	I<0.01CV (μA)或3μA, 1分钟(1 minute) 取较大者(Whichever is greater)																								
损耗角正切值 (tg δ) Dissipation factor (+20℃, 120Hz)	<table border="1"> <tr> <td>Ur (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</td> <td>0.35</td> <td>0.26</td> <td>0.22</td> <td>0.18</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </table>	Ur (V)	4	6.3	10	16	25	35	50	tg δ	0.35	0.26	0.22	0.18	0.16	0.14	0.12								
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温度特性 Temperature characteristics (Impedance ratio at 120Hz)	<table border="1"> <tr> <td>Ur (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=25℃ / +20℃</td> <td>7</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z=40℃ / +20℃</td> <td>15</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> </tr> </table>	Ur (V)	4	6.3	10	16	25	35	50	Z=25℃ / +20℃	7	4	3	2	2	2	2	Z=40℃ / +20℃	15	8	6	4	4	3	3
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Z=40℃ / +20℃	15	8	6	4	4	3	3																		
耐久性 Load life	+85℃ 加额定电压1000小时, 恢复16小时后 After applying rated voltage for 1000 hours at +85℃ and then resumed 16 hours: 电容量变化率 Capacitance change: ±20% 初始测量值以内 Initial measured value (4V及ø3: < ±30%) 漏电流 Leakage current: ≤ 初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤2倍 初始规定值 Initial specified value																								
高温贮存 Shelf life	+85℃, 1000小时贮存后, 恢复16小时后 After storage for 1000 hours at +85℃ and then resumed 16 hours 电容量变化率 Capacitance change: ±20% 初始测量值以内 Initial measured value (4V及ø3: < ±30%) 漏电流 Leakage current: ≤2倍 初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤2倍 初始规定值 Initial specified value																								

外形图及尺寸表 Case size table

单位Unit: mm



D	3	4	5	6	8
F	1.0	1.5	2.0	2.5	3.5
d	0.4	0.45			

尺寸 DIMENSIONS

ØD × L(mm)

代 码 容量 Code (容量C(μF))	电压Ur	4V		6.3V		10V		16V		25V		35V		50V		
		0G		0J		1A		1C		1E		1V		1H		
0.1	0R1													4(3) × 5	1.0	
0.22	R22													4(3) × 5	2.0	
0.33	R33													4(3) × 5	2.8	
0.47	R47													4(3) × 5	4.0	
1	010													4(3) × 5	8.4	
2.2	2R2											3 × 5	8.4	4(3) × 5	13	
3.3	3R3										3 × 5	10	4 × 5	14	4 × 5	17
4.7	4R7							3 × 5	13	4 × 5	16	4 × 5	18	4 × 5	20	
10	100			3 × 5	15	3 × 5	17	3 × 5	23	4 × 5	27	5 × 5	29	5 × 5	33	
22	220	3 × 5	19	3 × 5	28	3 × 5	33	4 × 5	37	5 × 5	42	6 × 5	46	6 × 5	52	
										6 × 5				8 × 5		
33	330	4 × 5	28	4 × 5	37	4 × 5	41	5 × 5	49	6 × 5	52	8 × 5	62	8 × 5	71	
47	470	4 × 5	33	4 × 5	45	4 × 5	52	5 × 5	58	6 × 5	70	8 × 5	80			
100	101	5 × 5	56	5 × 5	70	6 × 5	80	6 × 5	92	8 × 5	110					
220	221	6 × 5	96	6 × 5	110	8 × 5	135	8 × 5	125							
330	331	8 × 5	145	8 × 5	170											
470	471	8 × 5	185													

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