

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、DVD、对讲机、手机、复读机等
Suitable for camera, car audio, mini-audio sets, DVD, interphone, mobile phone, etc.
- ROHS 指令已对应完毕。Adapted to the ROHS directive.

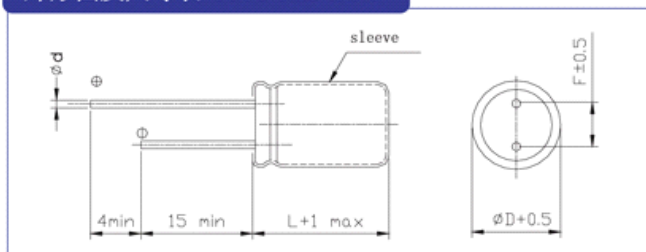


主要技术性能 Specifications

项目 Items	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-40 ~ +105°C																								
额定电压范围 Rated voltage range	4 ~ 50V																								
标称电容量范围	0.1~470μF																								
标称电容量允许偏差 Capacitance tolerance	±20% (120Hz, +20°C)																								
漏电流 Leakage current	I ≤ 0.01CV (μA) 或 3μA 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"> <thead> <tr> <th>U_R (V)</th> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <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> </tbody> </table>	U _R (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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耐久性 Load life	+105°C加额定电压 1000 小时，恢复 16 小时后： After applying rated voltage for 1000 hours at +105°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 (4V and Ø3: ≤ ±30%) 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																								
高温贮存 Shelf life	+105°C, 1000 小时贮存后,恢复 16 小时后： After storage for 1000 hours at +105°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 (4V and Ø3: ≤ ±30%) 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																								

外形图及尺寸表 Case size table

单位Unit: mm



D	3	4	5	6.3	8
F	1.0	1.5	2.0	2.5	3.5
d	0.4	0.45			0.5

尺寸 DIMENSIONS

ØD × L(mm)

容量 C _R (μF)	电压 U _R 代码 Code	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		5×5 20
10	100			3×5	15	3×5	17	3×5	23	5×5	27	5×5	29		6.3×5 33
22	220	3×5	19	3×5	28	3×5	33	4×5	37	6.3×5	42	6.3×5	46		8×5 52
33	330	4×5	28	4×5	37	4×5	41	5×5	49	6.3×5	52	8×5	62		8×5 71
47	470	4×5	33	4×5	45	5×5	52	6.3×5	58	8×5	70	8×5	80		
100	101	5×5	56	5×5	70	6.3×5	80	8×5	92	8×5	110				
220	221	6.3×5	96	6.3×5	110	8×5	135	8×5	92						
330	331	8×5	145	8×5	170										
470	471	8×5	185												

额定纹波电流 Rated ripple current (mA, +105°C, 120Hz)