

CD11W -5mm Height Standard Electrolytic Capacitors

5mm Height, super mini size.

Suitable for camera, car Audio, Mini-audio sets. VCD, DVD, Interphone. Mobile phone. ETC

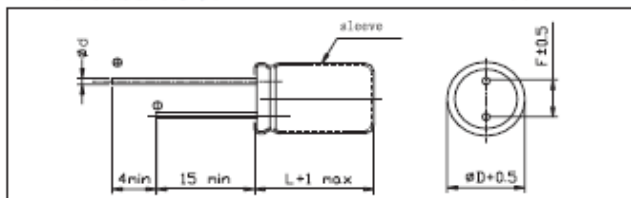


主要技术性能 Specifications

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	0.1~470μF																								
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)																								
漏电流 Leakage current	≤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> <th>Ur (V)</th> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>tg δ</th> <td>0,35</td> <td>0,26</td> <td>0,22</td> <td>0,16</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	0,16	0,16	0,14	0,12								
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温度特性 Temperature characteristics (Impedance ratio at 120Hz)	<table border="1"> <tr> <th>Ur (V)</th> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>Z-25℃ / +20℃</th> <td>7</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <th>Z-40℃ / +20℃</th> <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-25℃ / +20℃	7	4	3	2	2	2	2																		
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 Code	电 压 Ur(V)	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
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)