

CD11X- 7mm Height Standard Electrolytic Capacitors

7mm Height, mini size, for general purpose.

Suitable for car Audio,VCD, DVD, ETC

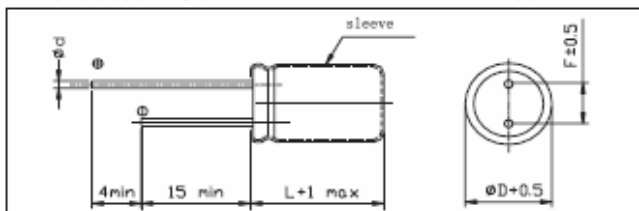


■ 主要技术性能 Specifications

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	6.3 ~ 63 V																								
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	$I \leq 0.01CV$ or $3(\mu A)$ 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"> <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> </tr> </thead> <tbody> <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> </tbody> </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"> <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> </tr> </thead> <tbody> <tr> <td>Z-25℃ / +20℃</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℃ / +20℃</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table>	U_R (V)	6.3	10	16	25	35	50	63	Z-25℃ / +20℃	4	3	2	2	2	2	2	Z-40℃ / +20℃	8	6	4	4	3	3	3
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Z-40℃ / +20℃	8	6	4	4	3	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 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 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	4	5	6	8
F	1.5	2.0	2.5	3.5
d	0.45			0.5

■ 尺寸 DIMENSIONS

∅D × L(mm)

代号 Code	容量 Cr(μF)	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	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	5 × 7	34	6 × 7	40
22	220	4 × 7	29	4 × 7	33	4 × 7	37	5 × 7	29	6 × 7	45	6 × 7	53		
33	330	4 × 7	37	4 × 7	41	5 × 7	48	5 × 7	45	6 × 7	59				
47	470	4 × 7	44	4 × 7	51	5 × 7	57	6 × 7	59						
100	101	5 × 7	68	5 × 7	75	6 × 7	89	8 × 7	95						
220	221	6 × 7	101	6 × 7	118	8 × 7	120								
330	331	8 × 7	132	8 × 7	135										
470	471	8 × 7	144	8 × 7	150										

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