

SX标准品 (CD11X/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.

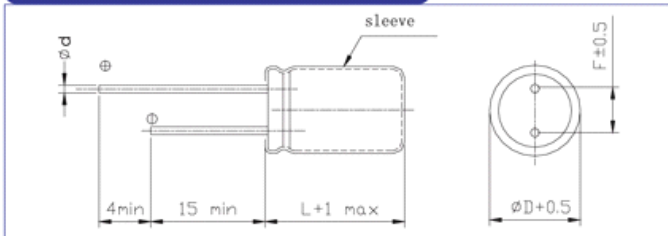


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-40 ~ +105°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 ~ 470μF																								
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"> <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°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> </tbody> </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	+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: 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																								
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 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																								

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)

电压 U_R 代码 Code	6.3V	10V	16V	25V	35V	50V	63V
容量 C_R (μF)	0J	1A	1C	1E	1V	1H	1J
0.1	0R1					4x7 0.8	
0.22	R22					4x7 2.0	
0.33	R33					4x7 3.0	
0.47	R47					4x7 4.0	
1	010		4x7 7			4x7 8.5	4x7 11
2.2	2R2				4x7 13	4x7 14	4x7 16
3.3	3R3			4x7 13	4x7 16	4x7 17	5x7 20
4.7	4R7		4x7 16	4x7 16	4x7 19	4x7 22	5x7 26
10	100	4x7 21	4x7 24	4x7 19	5x7 29	5x7 34	6.3x7 40
22	220	4x7 29	4x7 33	4x7 37	5x7 29	6.3x7 45	6.3x7 53
33	330	4x7 37	4x7 41	5x7 48	5x7 45	6.3x7 59	8x7 (9) 80
47	470	4x7 44	4(5)x7 51	5x7 57	5x7 45	8x7 (9) 90	8x9 98
100	101	5x7 68	5x7 75	6.3x7 89	6.3x7 75		
220	221	6.3x7 101	6.3x7 118	6.3x7 80	8x7 (9) 120		
330	331	8x7 (9) 132	8x7 (9) 135				
470	471	8x7 (9) 144	8x7 (9) 150				

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