

LM低漏电流品 (CD11L型)

- 5mm 高度, 良好的低漏电流特性  
5mmL, extremely low leakage current.
- 适用于高保真前置放大及电视振荡回路  
Used in HI-FI pre-amplifiers and TV oscillation loop circuits.
- ROHS 指令已对应完毕。  
Adapted to the ROHS directive

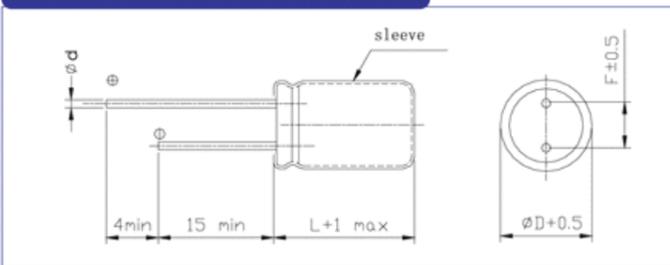


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																								
使用温度范围 Operating temperature range	-40 ~ +85°C																								
额定电压范围 Rated voltage range	6.3 ~ 63V																								
标称容量范围 Nominal capacitance range	0.1~100μF																								
标称容量允许偏差 Capacitance tolerance	±20% (120Hz, +20°C)																								
漏电流 Leakage current	$I \leq 0.002CV$ or $0.4(\mu A)$ 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><math>U_R</math> (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>0.26</td> <td>0.22</td> <td>0.18</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table>	$U_R$ (V)	6.3	10	16	25	35	50	63	tg δ	0.26	0.22	0.18	0.16	0.14	0.12	0.10								
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温度特性 Temperature characteristics (Impedance ratio at 120Hz)	<table border="1"> <thead> <tr> <th><math>U_R</math> (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>10</td> <td>8</td> <td>6</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	10	8	6	4	3	3	3
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耐久性 Load life	+85°C加额定电压 1000 小时, 恢复 16 小时后: After applying rated voltage for 1000 hours at +85°C and then resumed 16 hours: 容量变化率 Capacitance change : ±25%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 2times Initial specified value																								
高温贮存 Shelf life	+85°C, 1000 小时贮存后, 加额定工作电压处理 30 分钟, 恢复 16 小时后: After storage for 1000 hours at +85°C, $U_R$ to be applied for 30 minutes and then resumed 16 hours 容量变化率 Capacitance change : ±25%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 2times Initial specified value																								

外形图及尺寸表 Case size table

单位Unit: mm



D	4	5	6.3
F	1.5	2.0	2.5
d	0.45		

尺寸 DIMENSIONS

ØD × L(mm)

容量 $C_R$ (μF)	代码 Code	电压 $U_R$		6.3V		10V		16V		25V		35V		50V		63V	
		0J	1A	1C	1E	1V	1H	1J									
0.1	0R1																4×5 0.7
0.22	R22																4×5 1.3
0.33	R33																4×5 1.9
0.47	R47																4×5 2.7
1	010																4×5 5.5
2.2	2R2																4×5 9
3.3	3R3																5×5 45
4.7	4R7											4×5 11	4×5 12	5×5 13			
10	100							4×5 15	5×5 18	5×5 20	6.3×5 22						
22	220			4×5 19	5×5 25	5×5 27	6.3×5 30	6.3×5 34	6.3×5 38								
33	330	5×5 19	5×5 25	5×5 27	6.3×5 30	6.3×5 34	6.3×5 38										
47	470	5×5 22	5×5 30	6.3×5 34	6.3×5 38												
100	101	6.3×5 37	6.3×5 46														

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