

LM (CD11L)



- ⊙ 5mmL, extremely low leakage current.
- ⊙ Used in HI-FI pre-amplifiers and TV oscillation loop circuits.
- ⊙ Adapted to the ROHS directive (2002/95/EC).

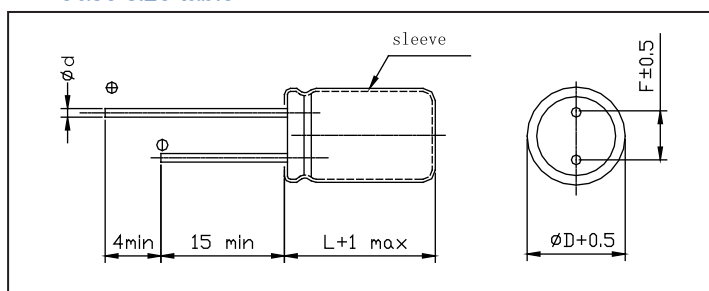
Specifications

Item	Performance Characteristics																								
Operating temperature range	-40 °C~ +85°C																								
Rated voltage range	6.3 ~ 63V																								
Nominal capacitance range	0.1~100μF																								
Capacitance tolerance	±20% (100Hz, +20°C)																								
Leakage current	$I \leq 0.002CV$ or $0.4(\mu A)$ (at 20 ,after 2 minutes) (whichever is greater)																								
(tg δ) Dissipation factor (+20°C, 100Hz)	<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>0.26</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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Load life	After applying rated voltage for 1000 hours at +85°C and then resumed 16 hours: Capacitance change : ±25% Initial measured value Leakage current : ≤ Initial specified value Dissipation factor : ≤ 2 times Initial specified value																								
Shelf life	After storage for 1000 hours at +85°C, U_R to be applied for 30 minutes and then resumed 16 hours Capacitance change : ±25% Initial measured value Leakage current : ≤ Initial specified value Dissipation factor : ≤ 2 times Initial specified value																								

Low LC

Case size table

Unit: mm



D	4	5	6
F	1.5	2.0	2.5
d	0.45		

Dimensions

ØD × L(mm)

C_R (μF)	U_R Code	6.3V		10V		16V		25V		35V		50V		63V	
		0J		1A		1C		1E		1V		1H		1J	
0.1	0R1													4x5	0.7
0.22	R22													4x5	1.3
0.33	R33													4x5	1.9
0.47	R47													4x5	2.7
1	010													4x5	5.5
2.2	2R2													4x5	9
3.3	3R3													5x5	45
4.7	4R7													5x5	13
10	100							4x5	15	5x5	18	5x5	20	6x5	22
22	220			4x5	19	5x5	22	5x5	25	6x5	28	6x5	31		
33	330	5x5	19	5x5	25	5x5	27	6x5	30	6x5	34				
47	470	5x5	22	5x5	30	6x5	34	6x5	38						
100	101	6x5	37	6x5	46										

Rated ripple current(mA, +85°C, 120Hz)