

# KS (CD26C)

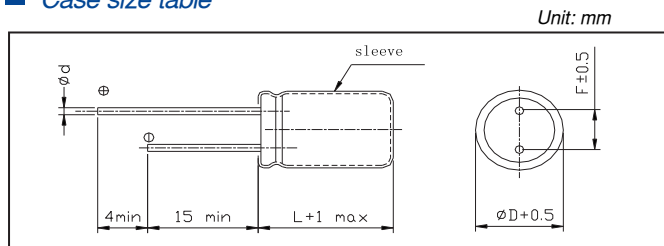
- ⊙ 7mmL, 105°C
- ⊙ Used in VCD, DVD circuits, etc.
- ⊙ Adapted to the ROHS directive (2002/95/EC).



## Specifications

Item	Performance Characteristics																								
Operating temperature range	-40 ~ +105°C																								
Rated voltage range	6.3 ~ 63V																								
Nominal capacitance range	0.1 ~ 220μF																								
Capacitance tolerance	± 20% (120Hz, +20°C)																								
Leakage current	$I \leq 0.01CV$ or $3(\mu A)$ (at 20°C, after 2 minutes) (whichever is greater)																								
(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>0.15</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	0.15	0.14	0.12	0.10								
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Load life	After applying rated voltage for 1000 hours at +105°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 +105°C and then resumed 16 hours Capacitance change : ±25% Initial measured value Leakage current : ≤ 2 times Initial specified value Dissipation factor : ≤ 2 times Initial specified value																								

## Case size table



D	4	5	6	8
F	1.5	2.0	2.5	3.5
d	0.45			0.5

## Dimensions

$C_R$ (μF)	Code	6.3V		10V		16V		25V		35V		50V		63V	
		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	8.5	4x7	11
2.2	2R2											4x7	14	4x7	18
3.3	3R3											4x7	19	5x7	23
4.7	4R7											4x7	25	5x7	28
10	100					4x7	24	4x7	16	4x7	29	5x7	40	6x7	32
22	220	4x7	29	4x7	33	4x7	37	5x7	19	5x7	45	8x7	53	8x7	40
33	330	4x7	37	4x7	41	5x7	48	5x7	29	6x7	59				
47	470	4x7	44	4x7	51	5x7	57	6x7	45						
100	101	5x7	68	5x7	75	6x7	89								
220	221	6x7	101												

Rated ripple current(mA,+105°C,120Hz)