

TS13D CD11C

FEATURES

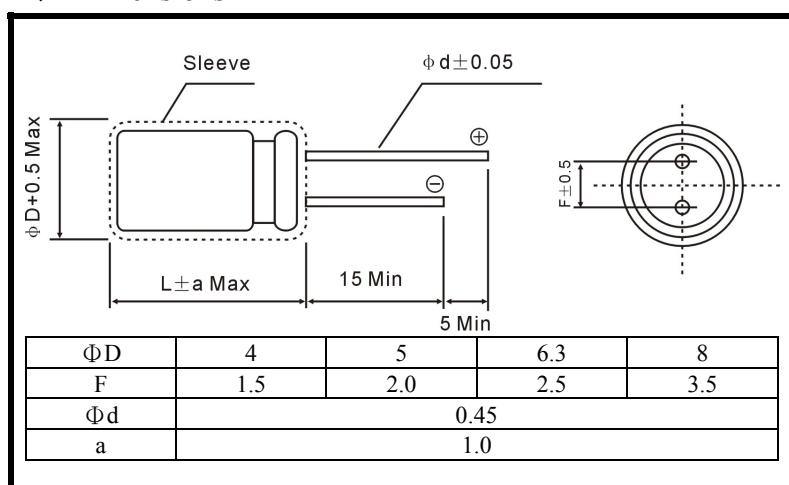
- Load life of 1000 hours at 85°C
- 7mm L standard products
- VTR, video cameras car radios, micro cassette tape recorder etc.

**◆ Specifications**

I T E M S	P E R F O R M A N C E C H A R A C T E R I S T I C S																															
Operating Temperature Range (°C)	-40~+85																															
Capacitance Tolerance (20°C, 120Hz)	±20%																															
Leakage Current (μ A)	0.01CV or 3 whichever is greater. (at 20°C, after 2 minutes) C: Nominal Capacitance (μ F) V: Rated Voltage (V)																															
Dissipation Factor (20°C, 120Hz)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>Tan δ</td> <td>0.35</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>0.08</td> <td>0.08</td> </tr> </tbody> </table>	Rated Voltage (V)	4	6.3	10	16	25	35	50	63	100	Tan δ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.08											
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Shelf Life (+85°C)	5000hours. No voltage applied. After test: U_R to be applied for 30 minutes, 24 to 48 hours before measurement.																															

◆ Dimensions

mm

**◆ Multiplier for ripple current**

Freq (Hz)	50,60	120	1K	10K-100K
Rated Voltage (V)				
4-16	0.80	1	1.1	1.2
25-35	0.80	1	1.5	1.7
50	0.80	1	1.6	1.9

Temperature coefficient

Temperature (°C)	+70	+85
Factor	1.35	1

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◆ STANDARD RATINGS

Wv (V)	4		6.3		10		16		25		35		50		63		100	
	Cap (μ F)	Size (mm)	Ripple															
		DxL	mArms															
0.1	--	--	--	--	--	--	--	--	--	--	--	4x7	4	4x7	4	--	--	
0.22	--	--	--	--	--	--	--	--	--	--	--	4x7	5	4x7	6	--	--	
0.33	--	--	--	--	--	--	--	--	--	--	--	4x7	7	4x7	7	--	--	
0.47	--	--	--	--	--	--	--	--	--	--	--	4x7	8	4x7	8	--	--	
1	--	--	--	--	--	--	--	--	--	--	--	4x7	10	4x7	10	4x7	12	
2.2	--	--	--	--	--	--	--	--	--	--	--	4x7	15	4x7	15	5x7	20	
3.3	--	--	--	--	--	--	--	4x7	15	4x7	15	4x7	20	4x7	23	6.3x7	30	
4.7	--	--	--	--	--	--	--	4x7	20	4x7	20	4x7	24	5x7	30	6.3x7		
10	--	--	--	--	--	4x7	35	4x7	30	4x7	30	5x7	40	6.3x7	50	--	--	
22	--	--	4x7	35	4x7	35	4x7	40	5x7	50	5x7	55	6.3x7	70	--	--	--	
33	4x7	35	4x7	40	4x7	45	5x7	55	6.3x7	70	6.3x7	75	8x7	100	--	--	--	
47	4x7	40	4x7	50	5x7	60	5x7	70	6.3x7	85	8x7	110	--	--	--	--	--	
100	5x7	70	5x7	80	6.3x7	108	6.3x7	120	8x7	145	--	--	--	--	--	--	--	
220	6.3x7	120	6.3x7	140	8x7	185	8x7	205	--	--	--	--	--	--	--	--	--	
330	8x7	170	7x7	205	--	--	--	--	--	--	--	--	--	--	--	--	--	

Note: Specification are subject to change without notice. For more detail and update, please visit our website.